

I-96: AVERAGE SPEED

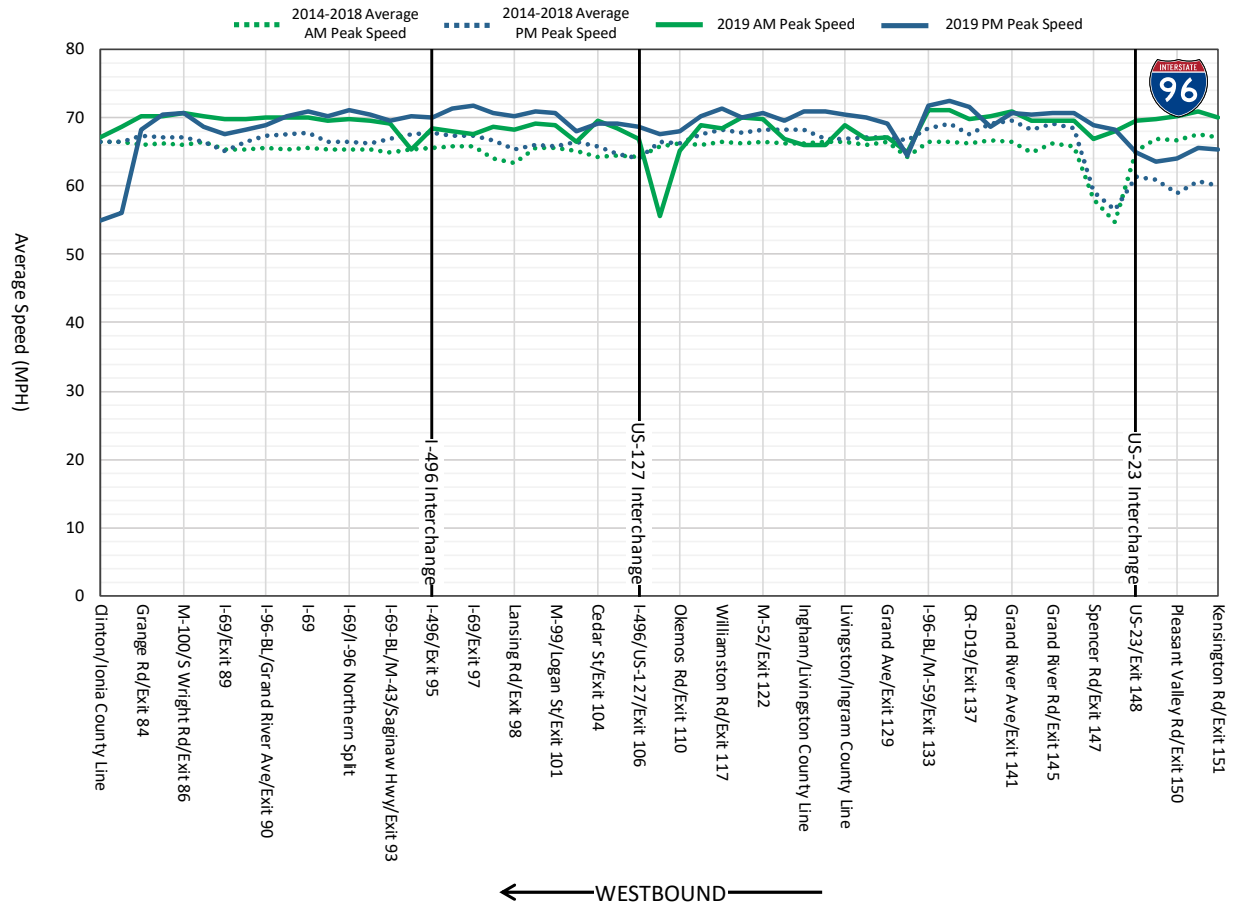
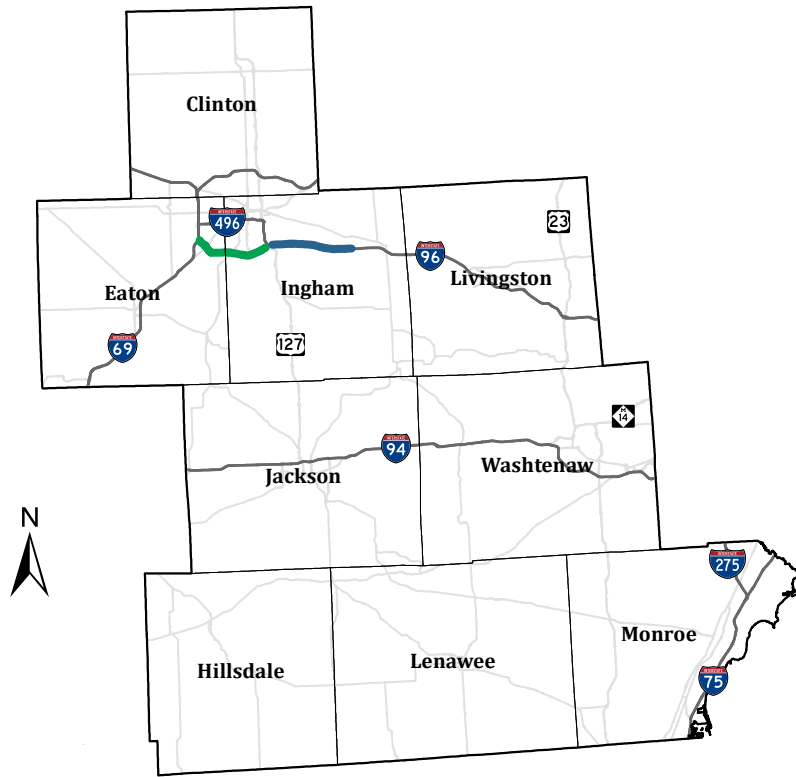


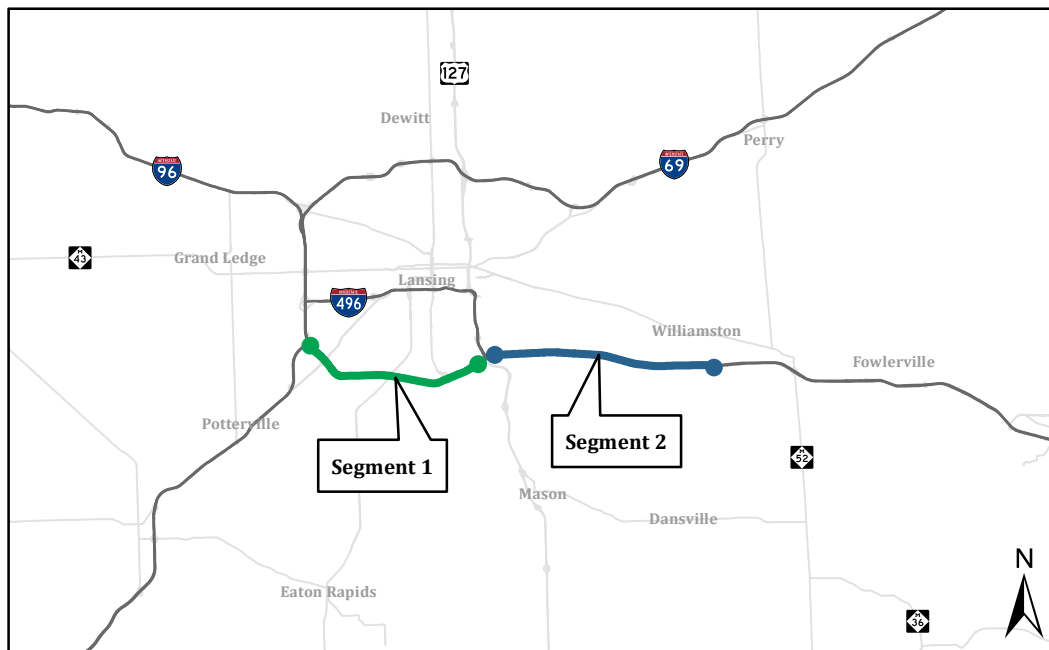
FIGURE 40. University Region Westbound I-96 Average Speed



I-96: TRAVEL TIME RELIABILITY



a) University Region

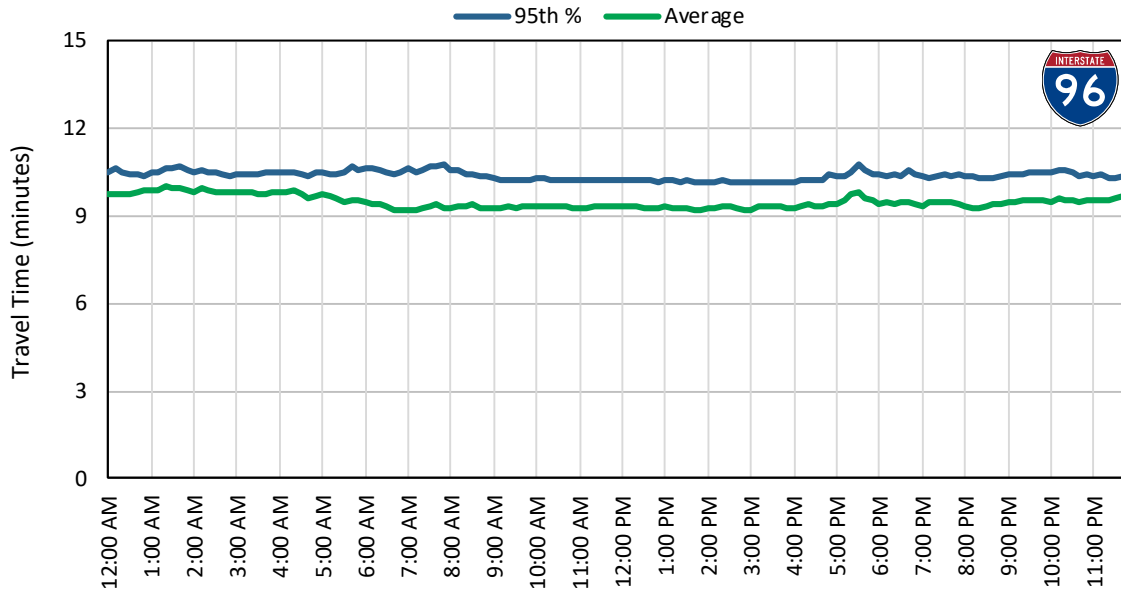


b) Lansing, Michigan

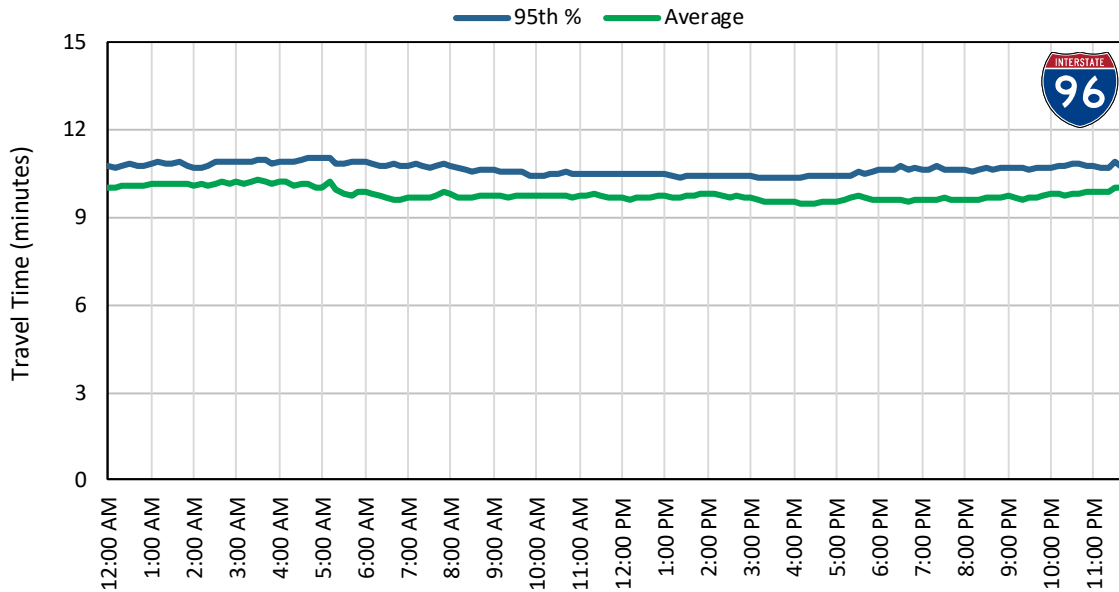
FIGURE 41. Travel Time Reliability: I-96



I-96: TRAVEL TIME RELIABILITY



a) Eastbound

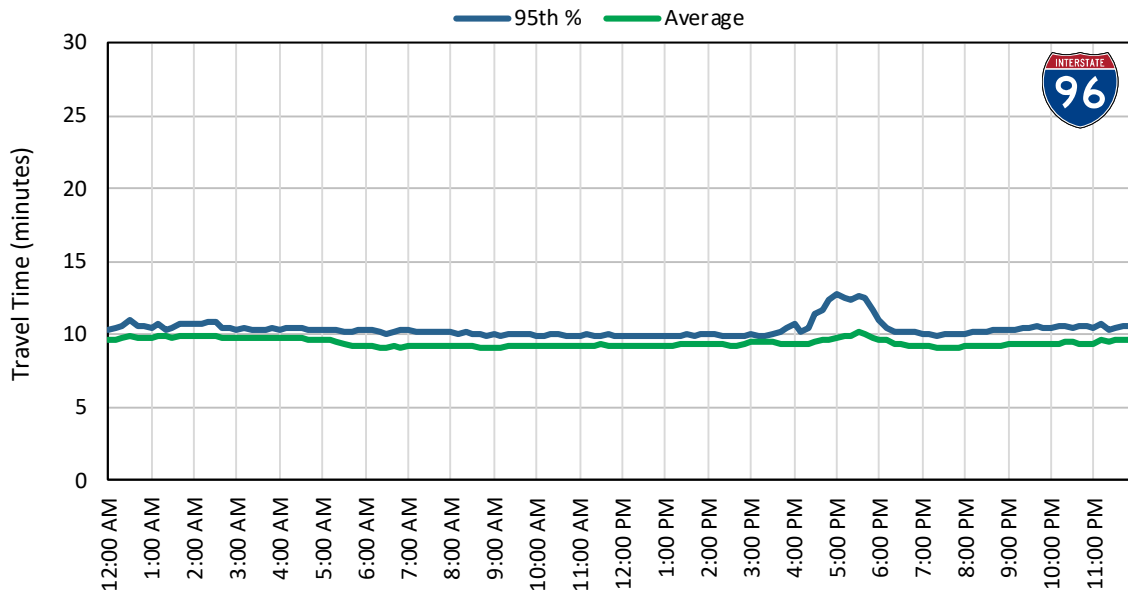


b) Westbound

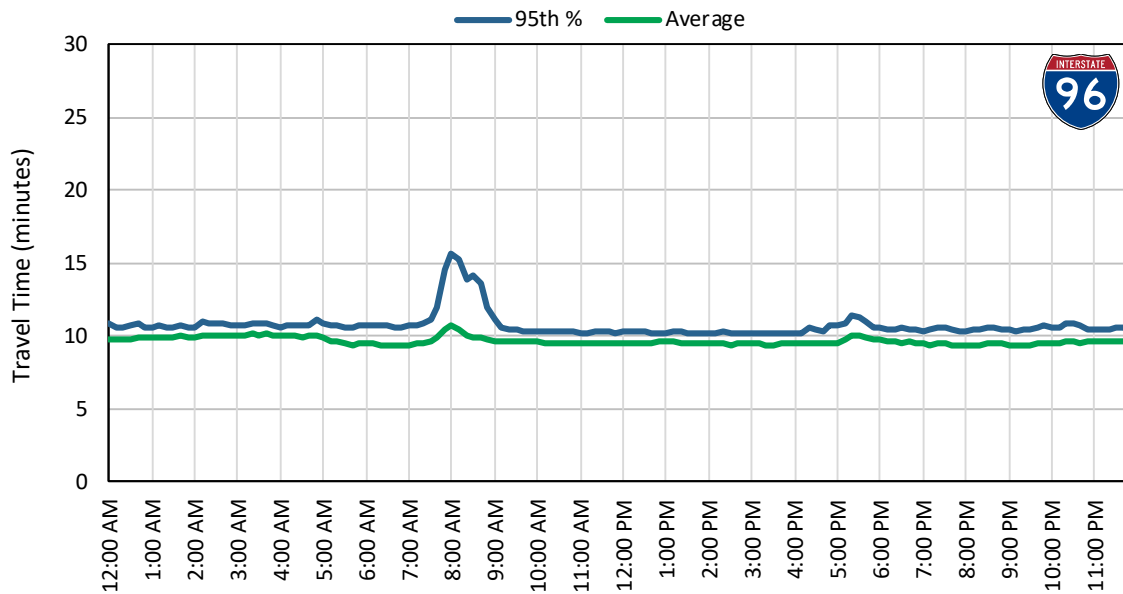
FIGURE 42. Segment 1 - I-96 between I-69/Exit 97 and I-496/US-127/Exit 106



I-96: TRAVEL TIME RELIABILITY

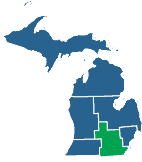


a) Eastbound



b) Westbound

FIGURE 43. Segment 2 - I-96 between I-496/US-127/Exit 106 and Williamston Rd/Exit 117



I-96: LEVEL OF TRAVEL TIME RELIABILITY

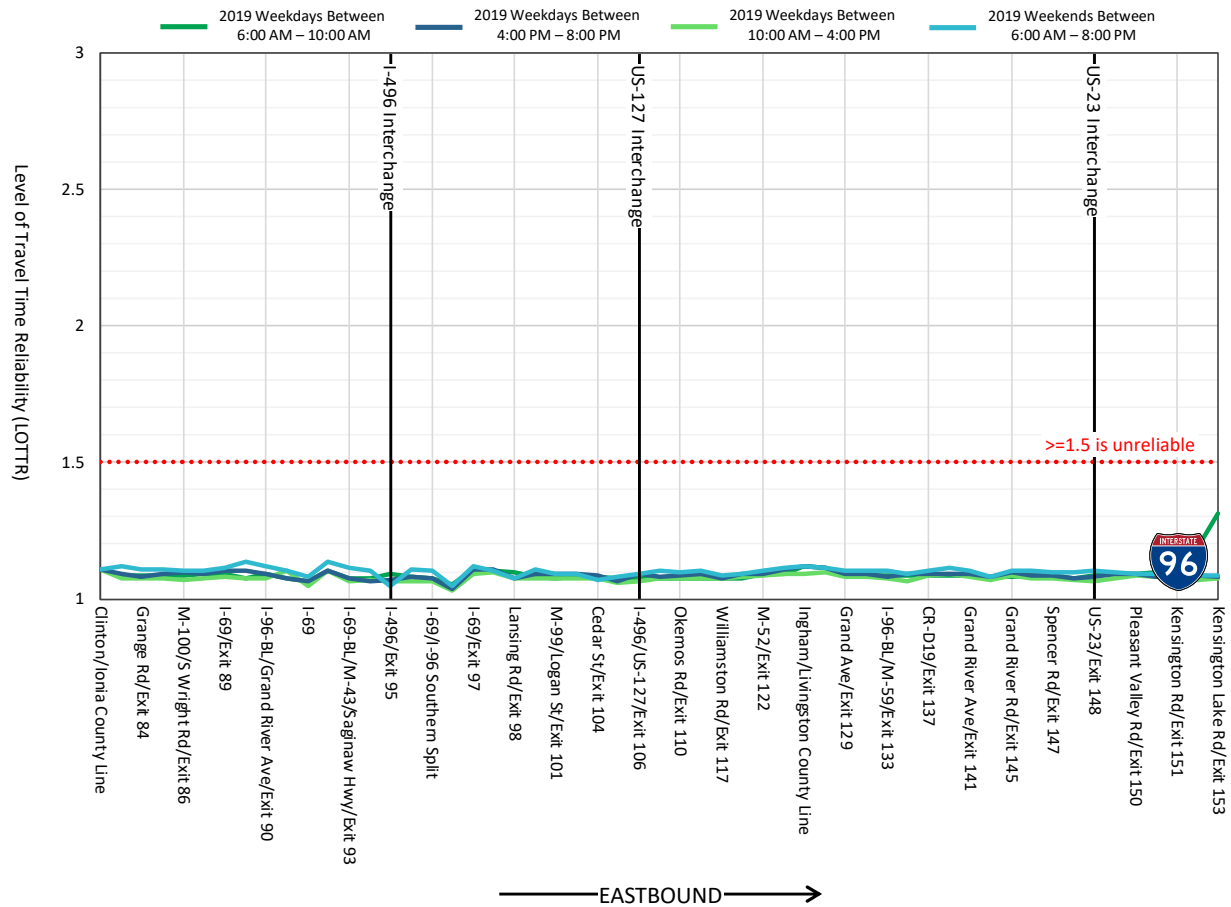


FIGURE 44. University Region Eastbound I-96 Level of Travel Time Reliability



I-96: LEVEL OF TRAVEL TIME RELIABILITY

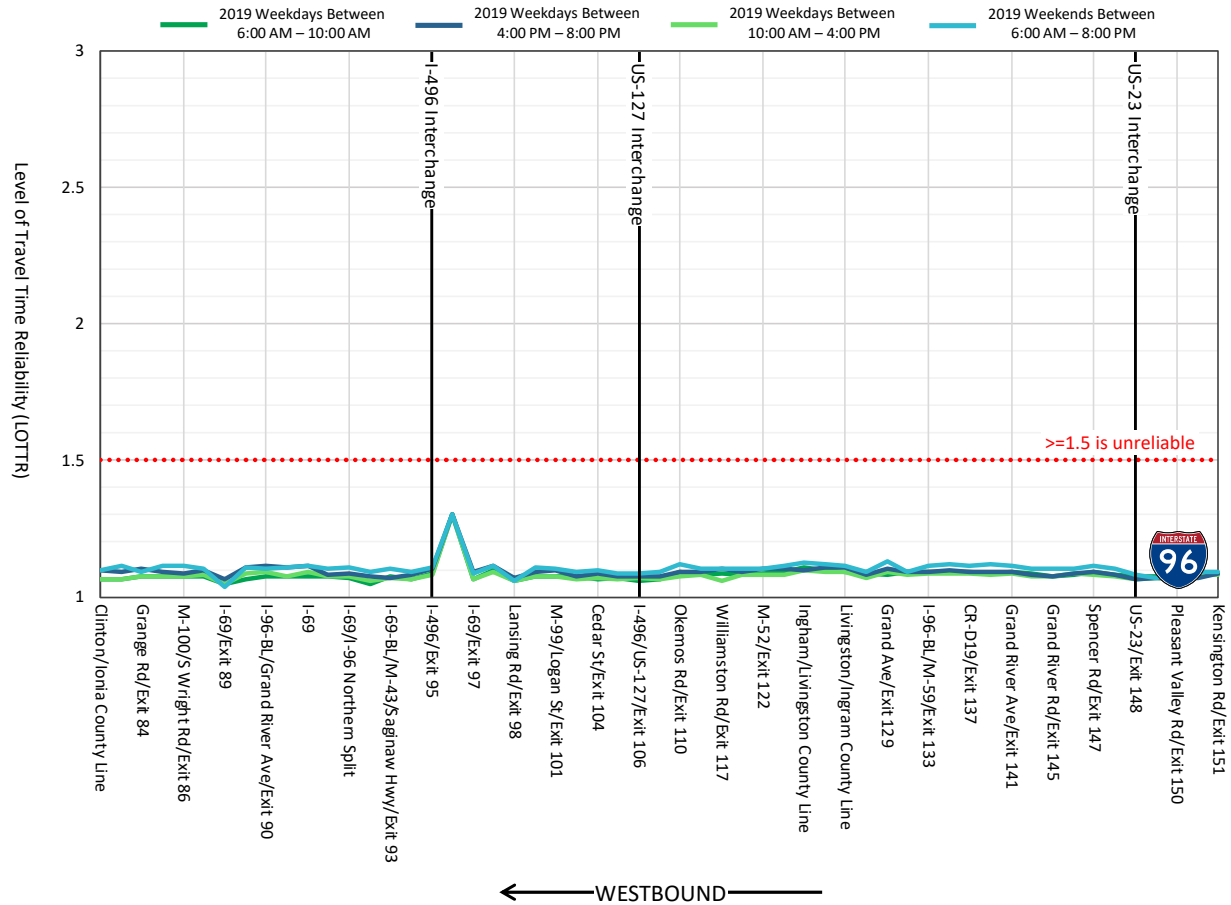
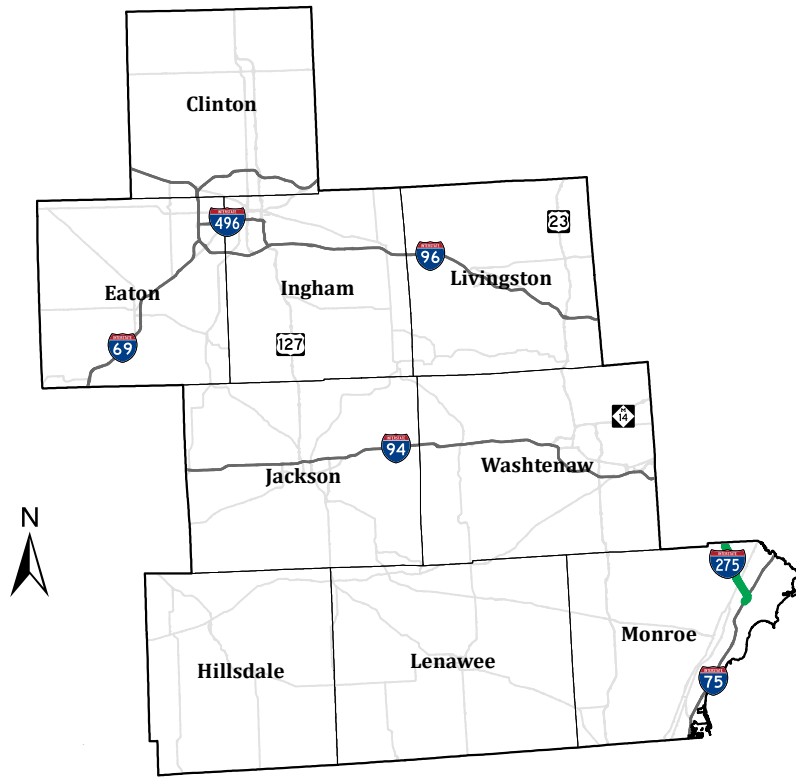


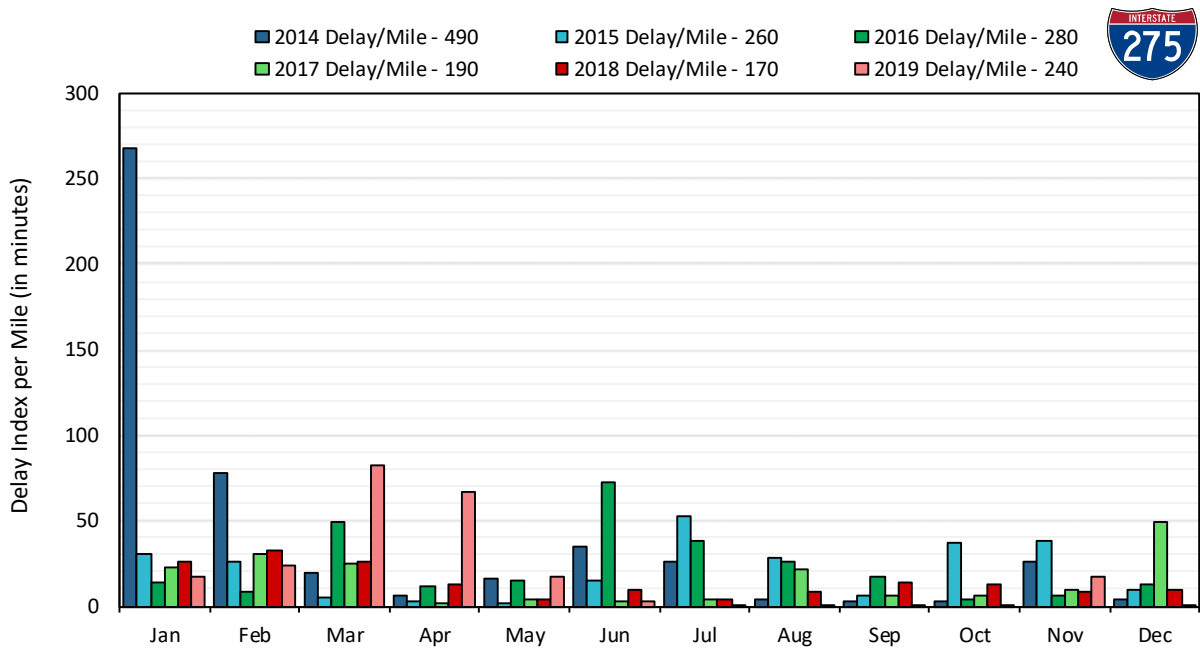
FIGURE 45. University Region Westbound I-96 Level of Travel Time Reliability



I-275: MONROE COUNTY DELAY INDEX

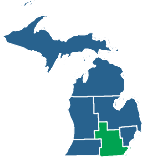


a) Segment Map



b) Delay Index Graph

FIGURE 46. Monroe County I-275 Corridor Delay Index



I-275: AVERAGE SPEED

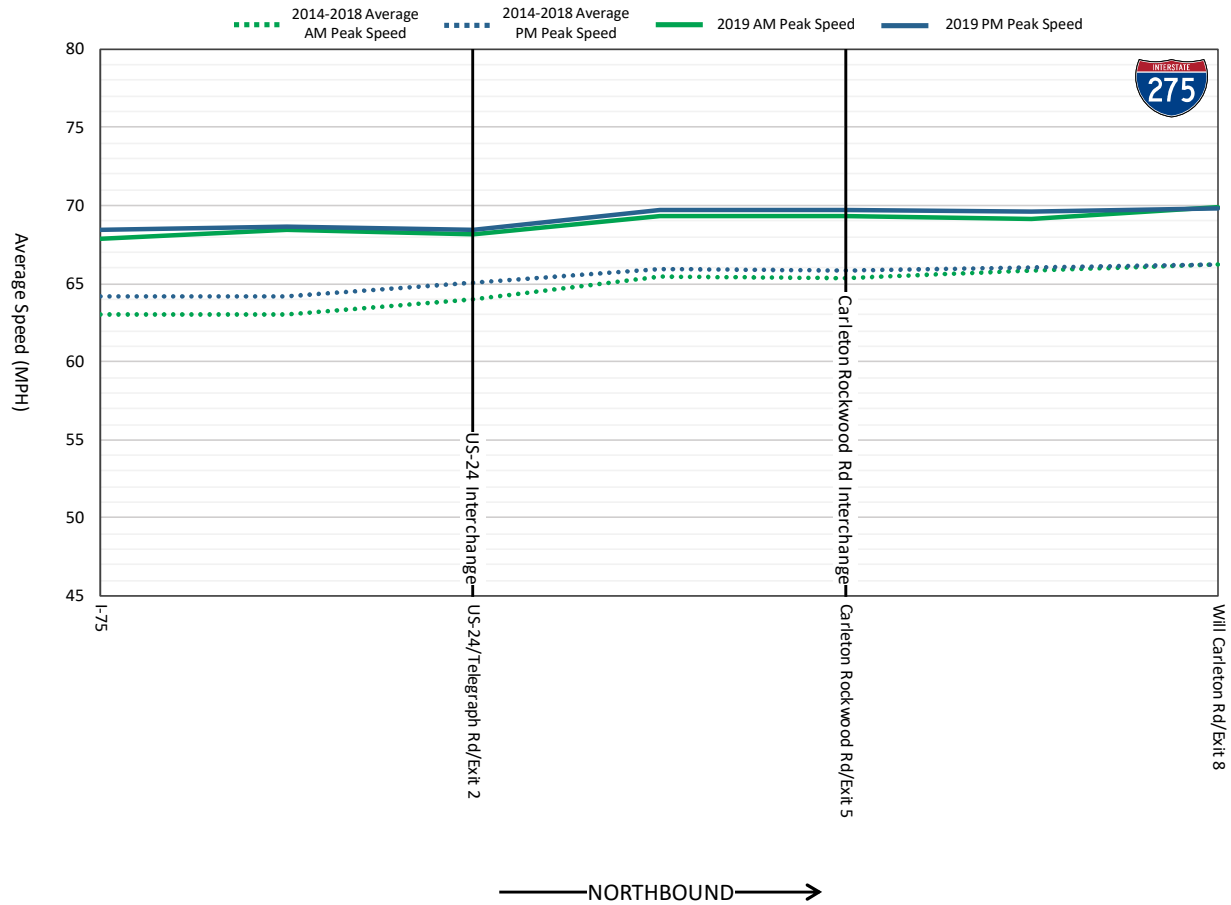


FIGURE 47. University Region Northbound I-275 Average Speed



I-275: AVERAGE SPEED

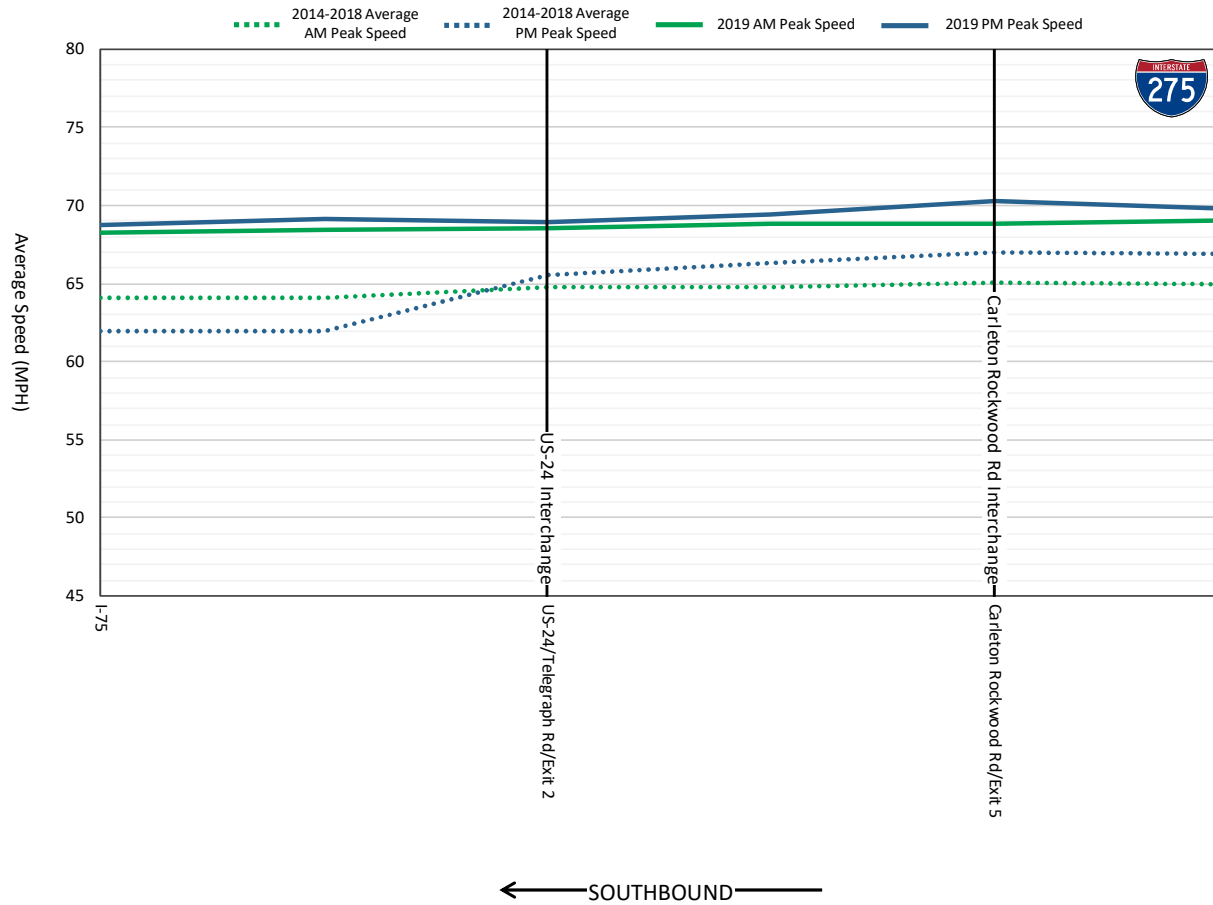


FIGURE 48. University Region Southbound I-275 Average Speed



I-275: LEVEL OF TRAVEL TIME RELIABILITY

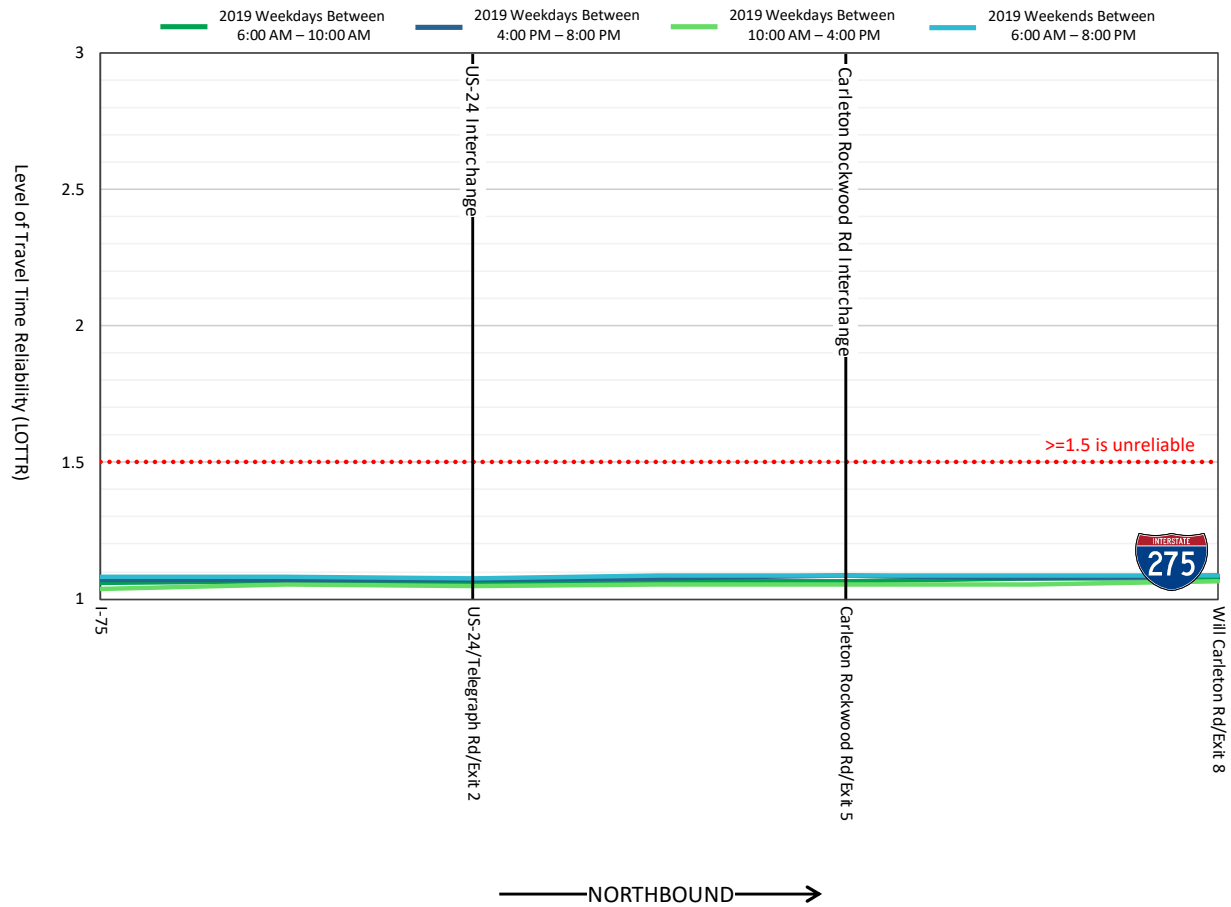


FIGURE 49. University Region Northbound I-275 Level of Travel Time Reliability



I-275: LEVEL OF TRAVEL TIME RELIABILITY

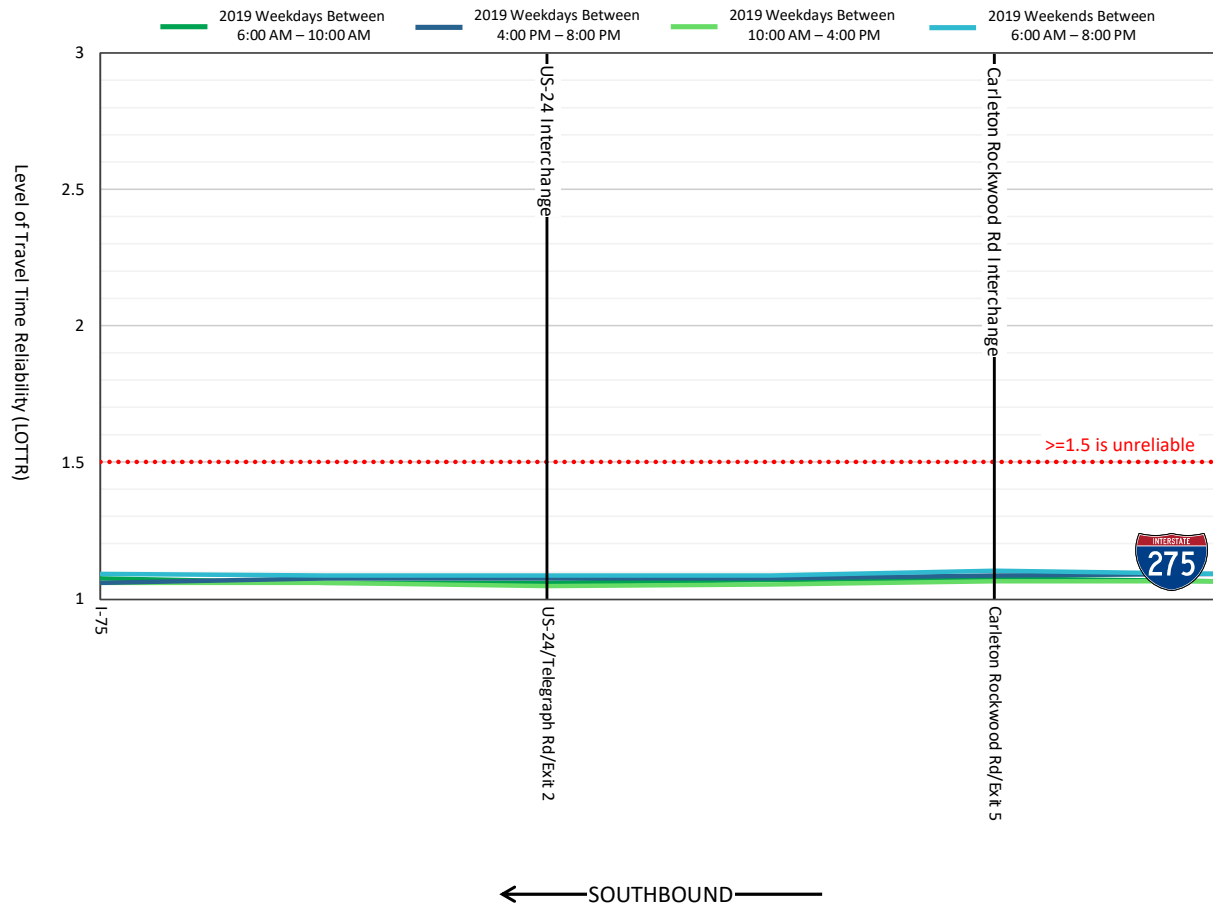
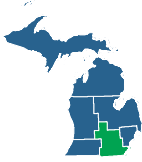
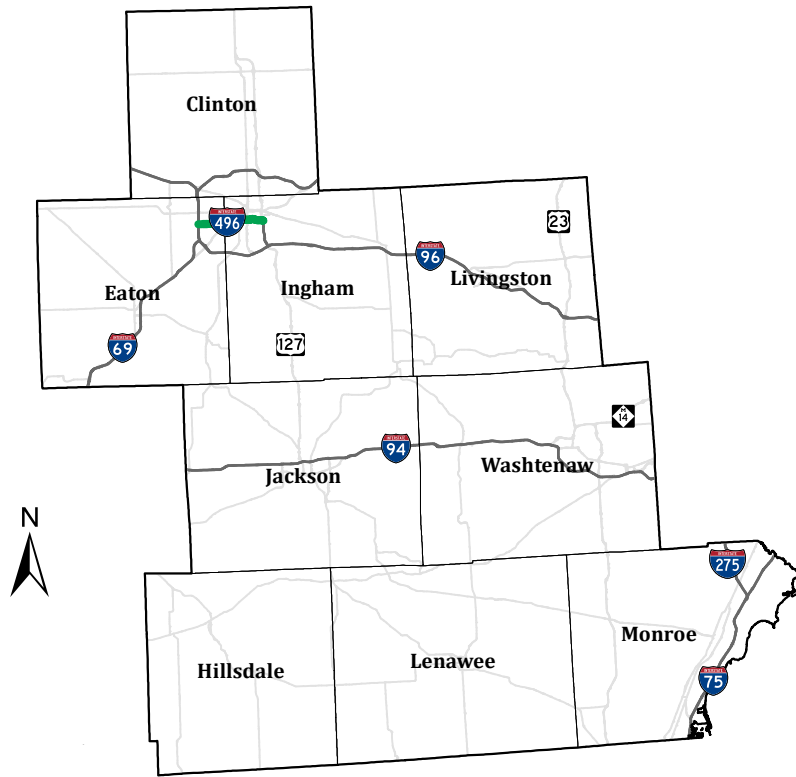


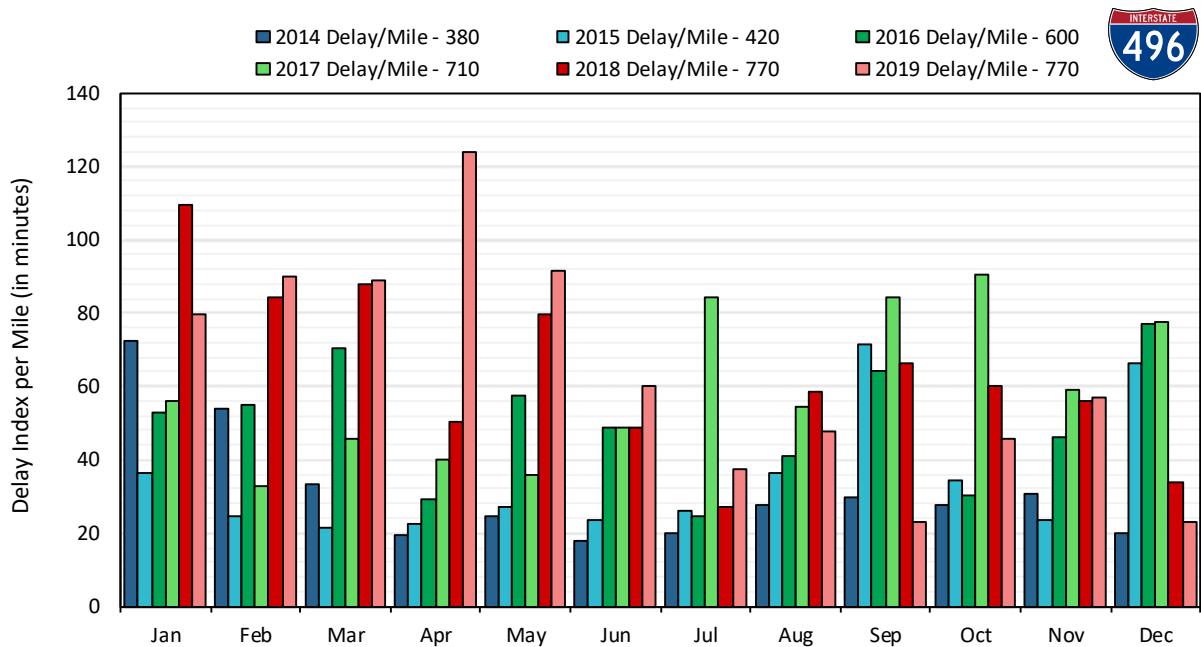
FIGURE 50. University Region Southbound I-275 Level of Travel Time Reliability



I-496: EATON AND INGHAM COUNTY DELAY INDEX

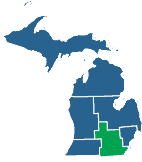


a) Segment Map



b) Delay Index Graph

FIGURE 51. Eaton and Ingham County I-496 Corridor Delay Index



I-496: AVERAGE SPEED

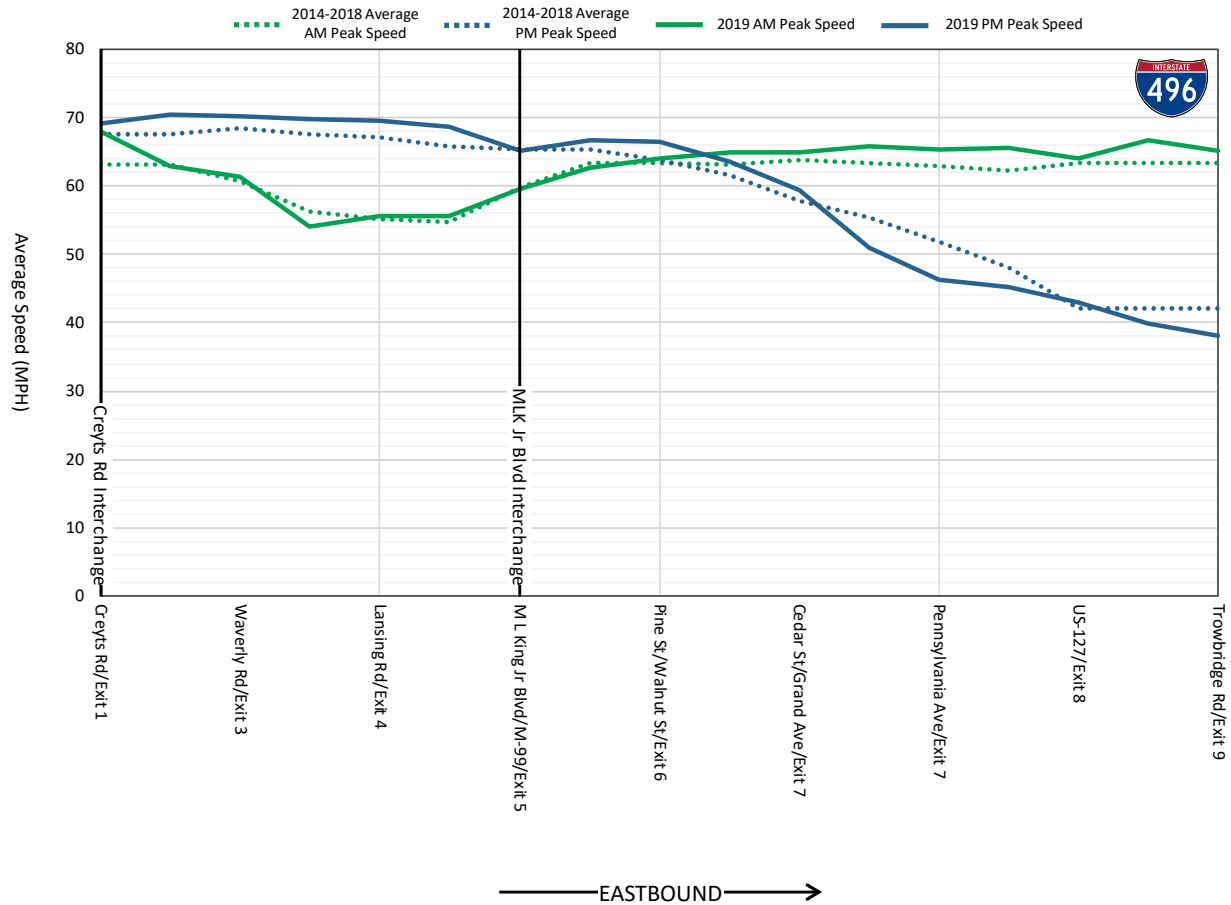


FIGURE 52. University Region Eastbound I-496 Average Speed



I-496: AVERAGE SPEED

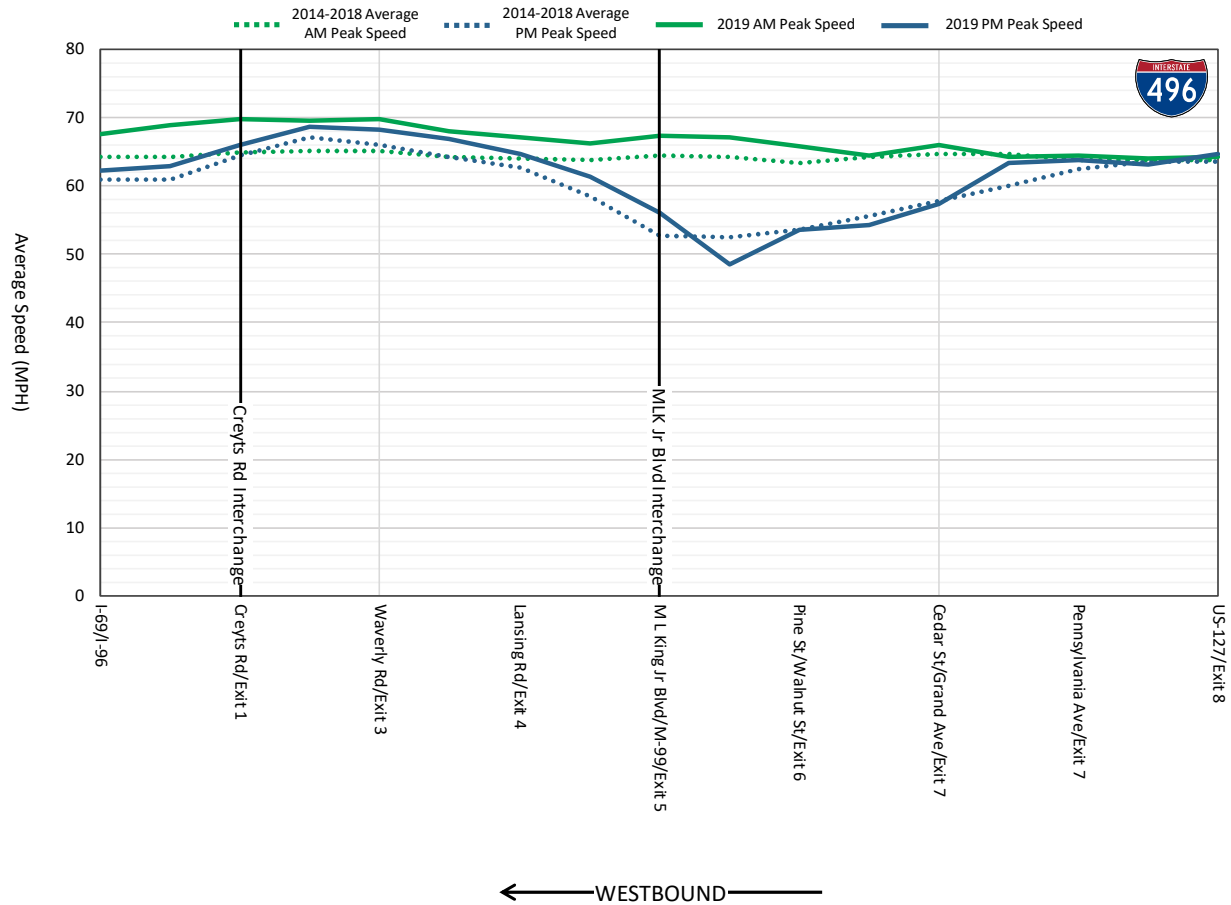
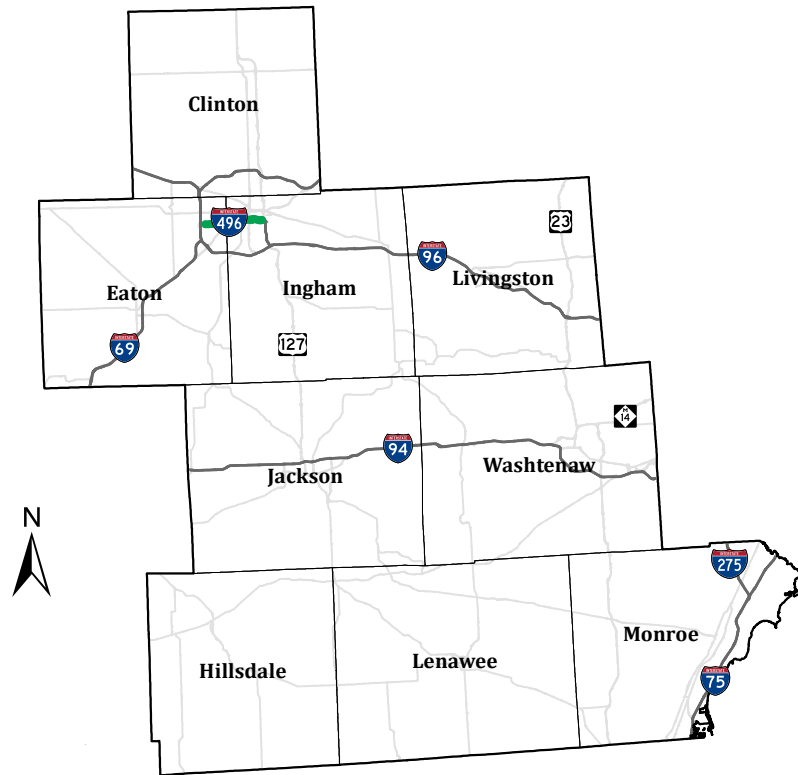


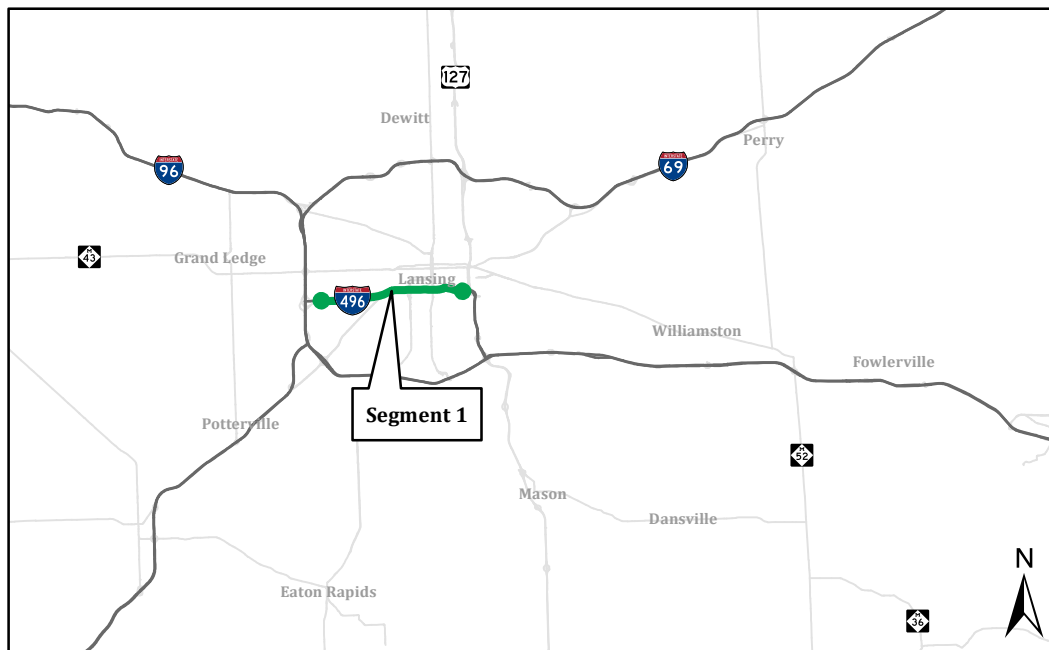
FIGURE 53. University Region Westbound I-496 Average Speed



I-496: TRAVEL TIME RELIABILITY



a) University Region

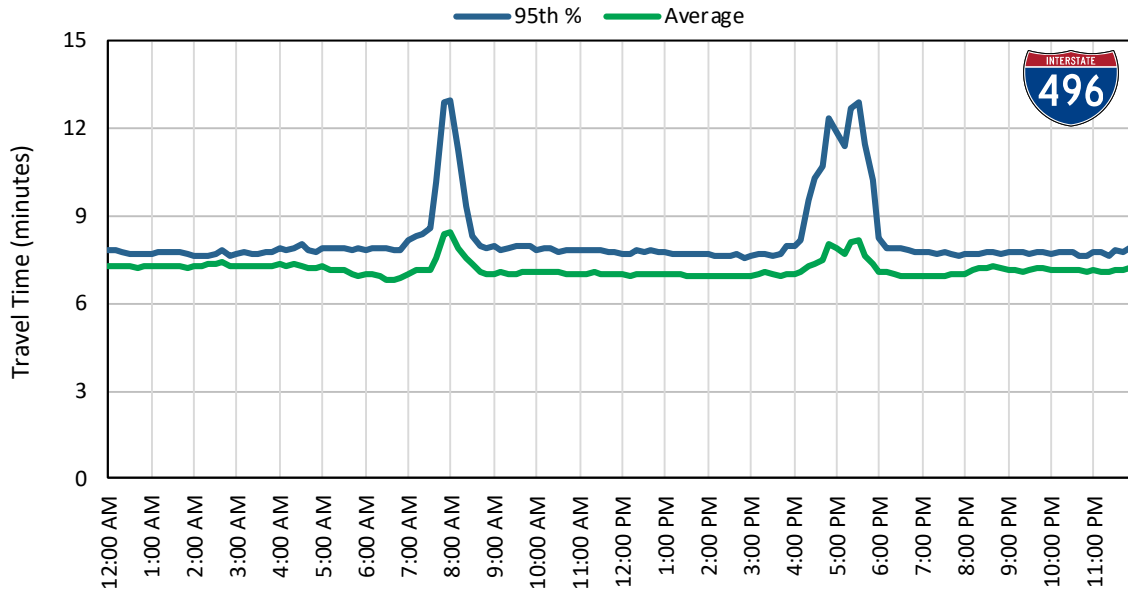


b) Lansing, Michigan

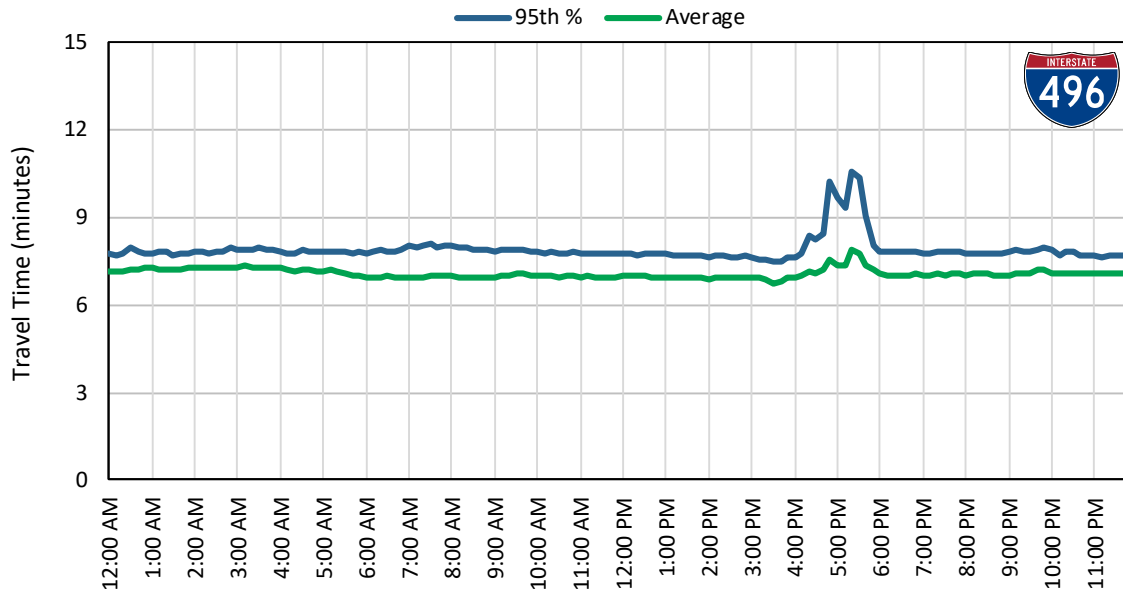
FIGURE 54. Travel Time Reliability: I-496



I-496: TRAVEL TIME RELIABILITY



a) Eastbound



b) Westbound

FIGURE 55. Segment 1 - I-496 between US-127/Exit 8 and I-69/I-96



I-496: LEVEL OF TRAVEL TIME RELIABILITY

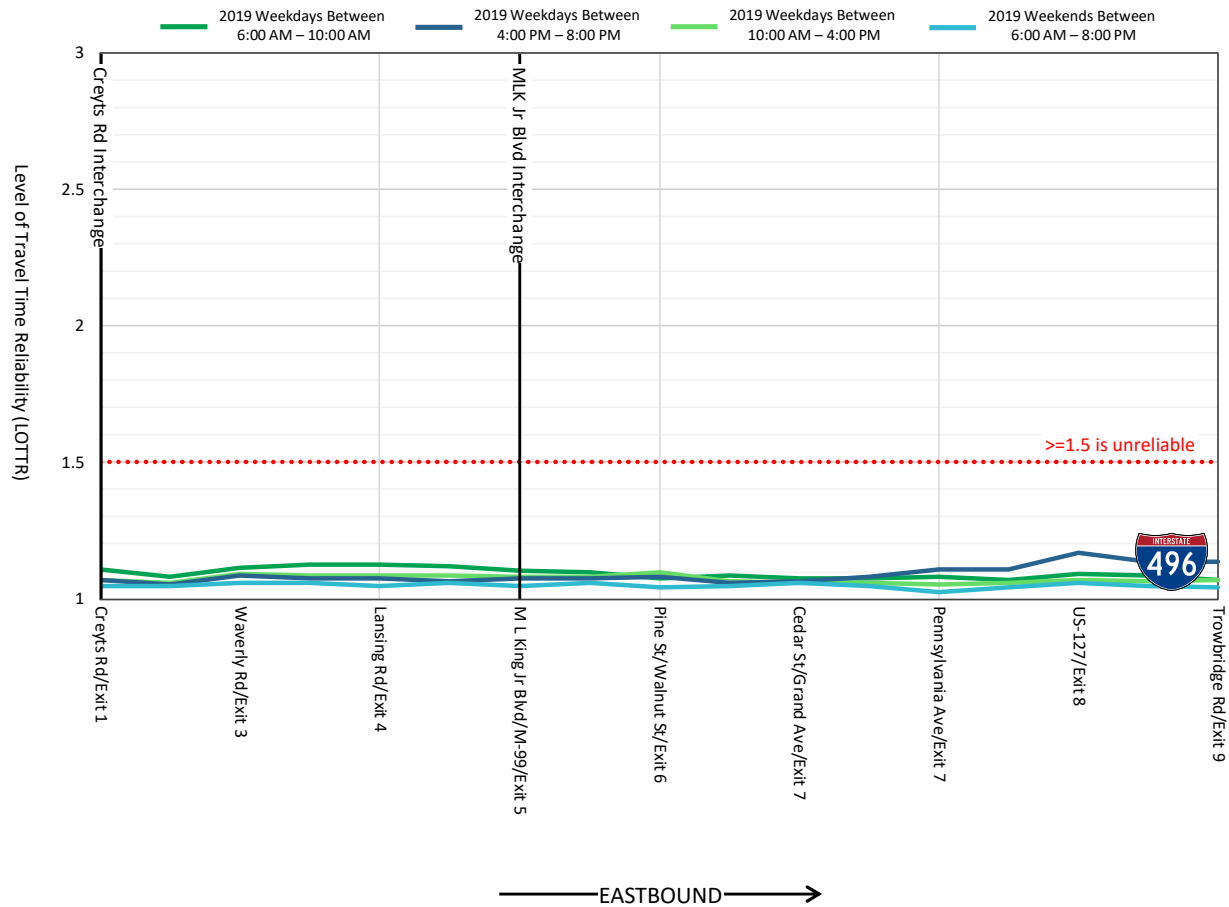


FIGURE 56. University Region Eastbound I-496 Level of Travel Time Reliability



I-496: LEVEL OF TRAVEL TIME RELIABILITY

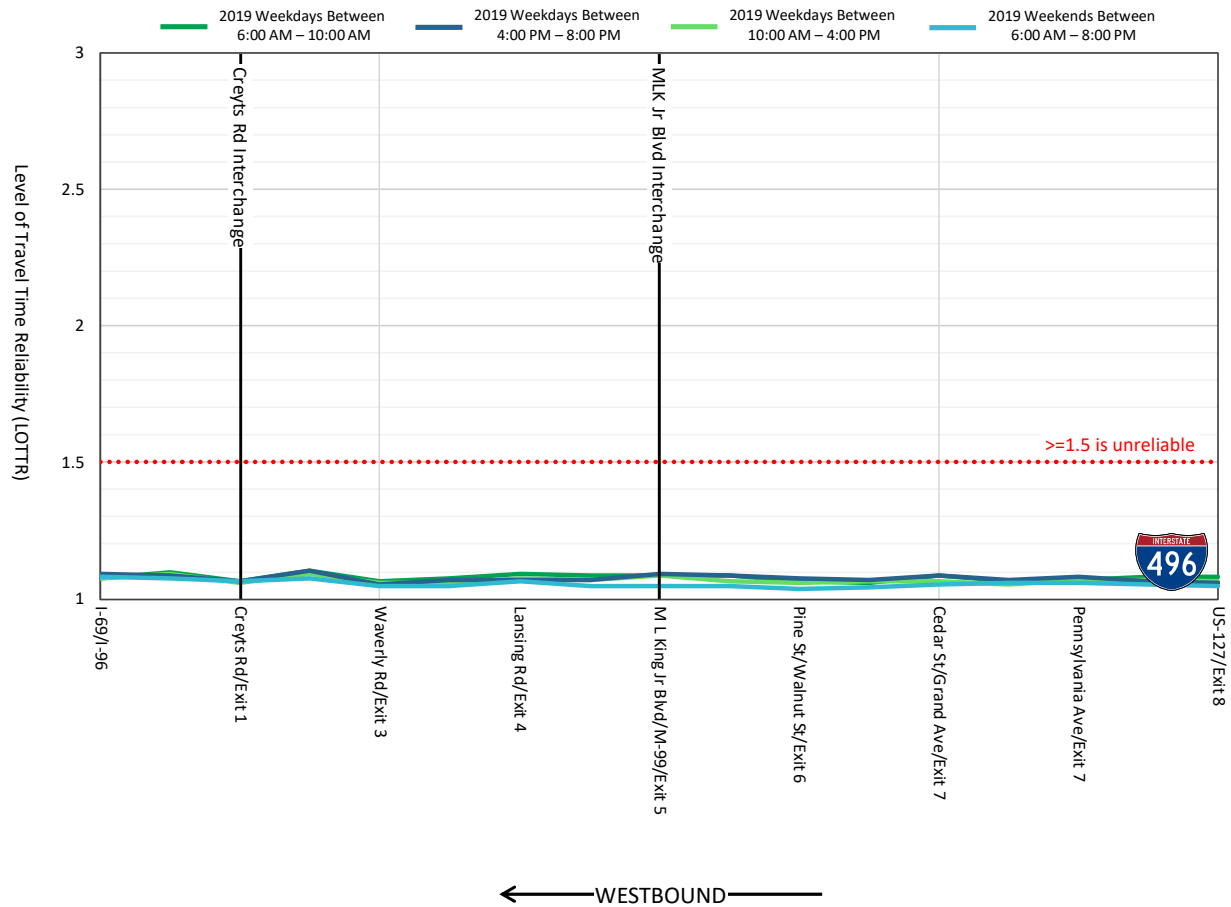
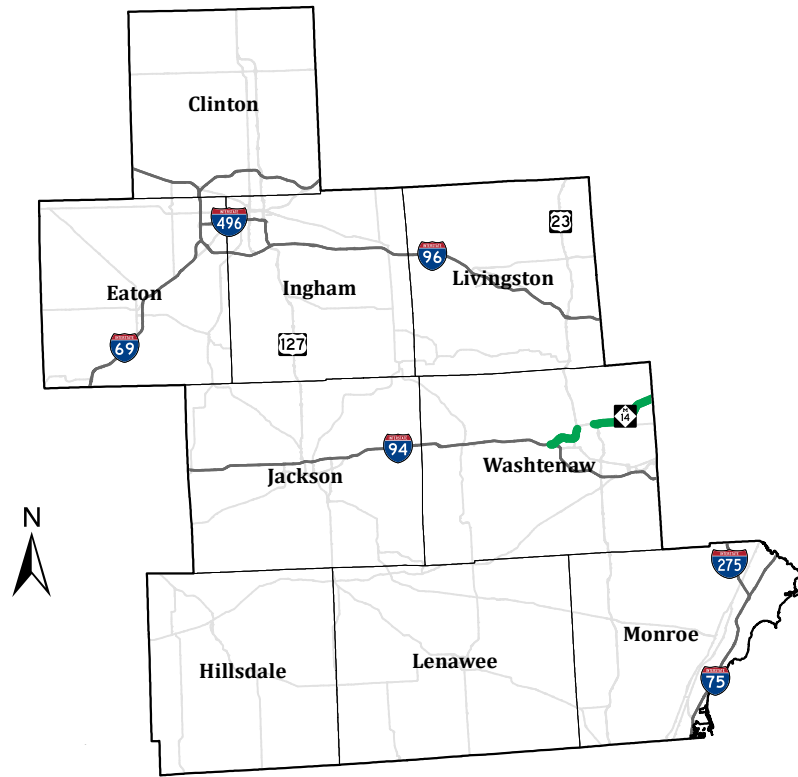


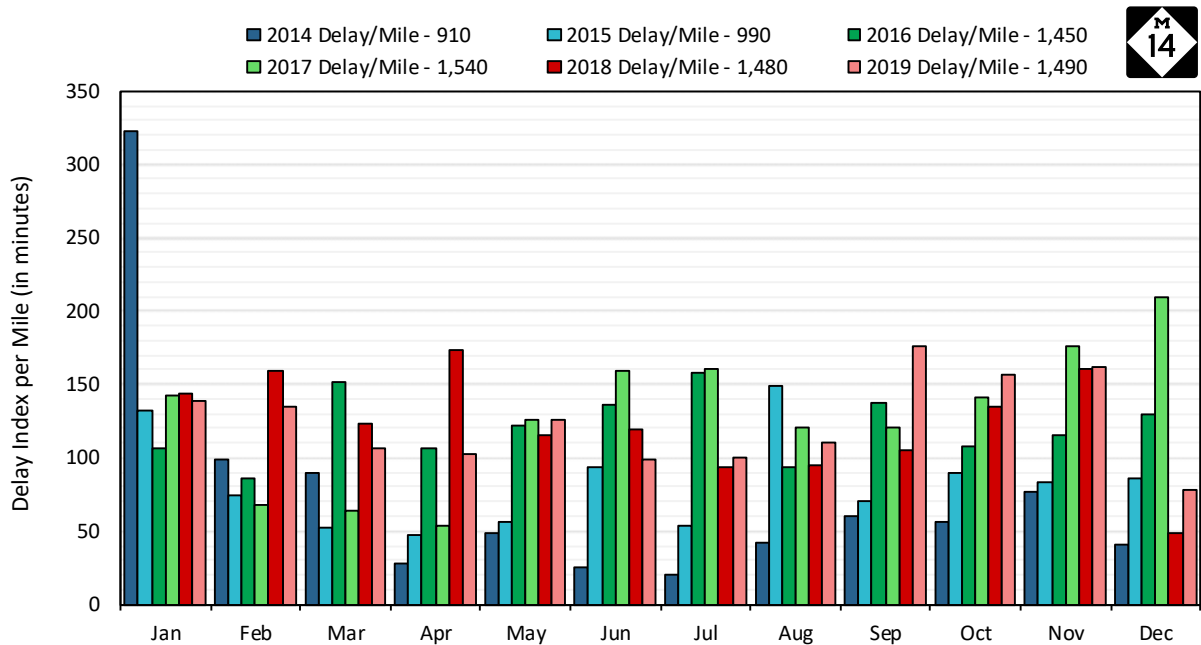
FIGURE 57. University Region Westbound I-496 Level of Travel Time Reliability



M-14: WASHTENAW COUNTY DELAY INDEX

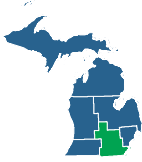


a) Segment Map



b) Delay Index Graph

FIGURE 58. Washtenaw County M-14 Corridor Delay Index



M-14: AVERAGE SPEED

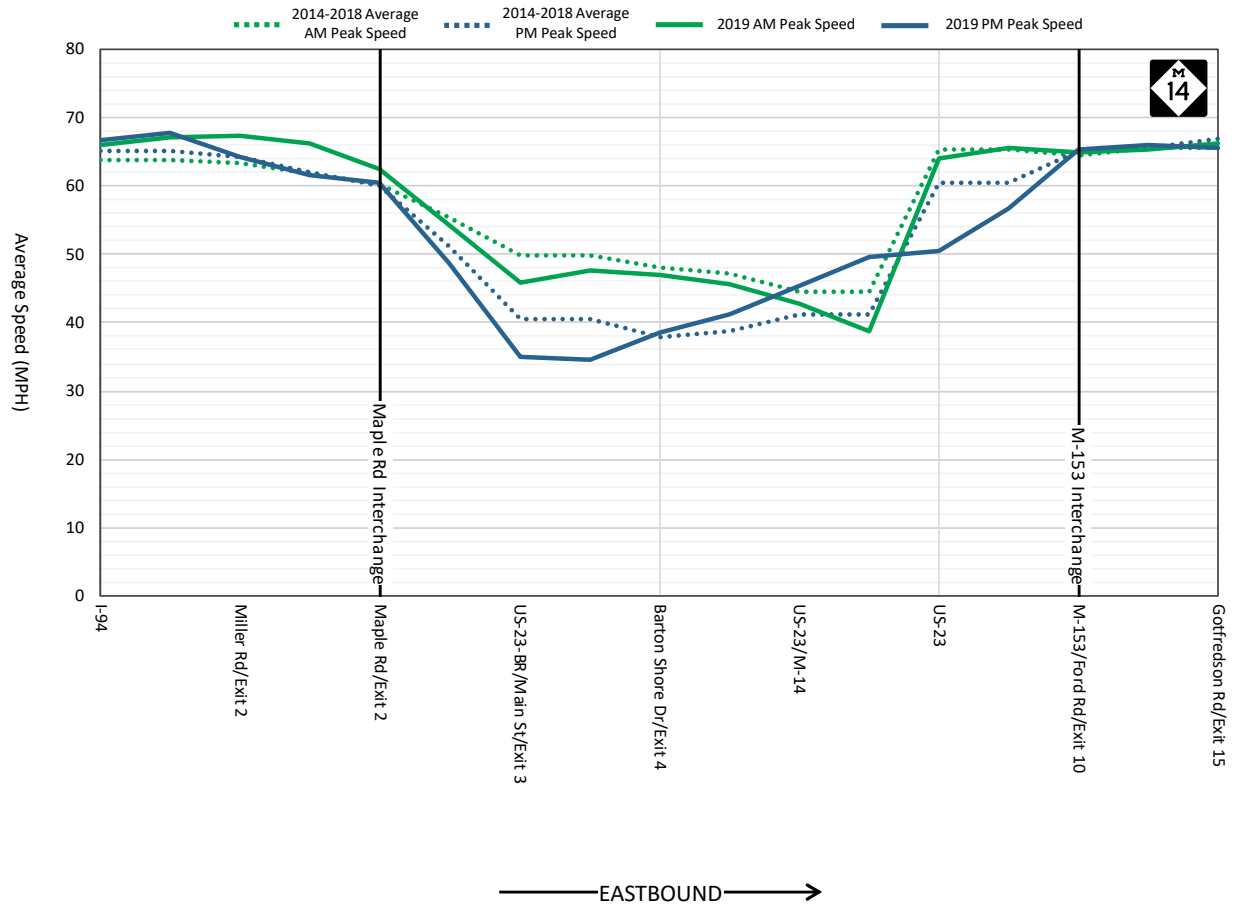
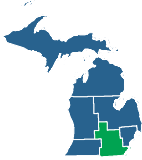


FIGURE 59. University Region Eastbound M-14 Average Speed



M-14: AVERAGE SPEED

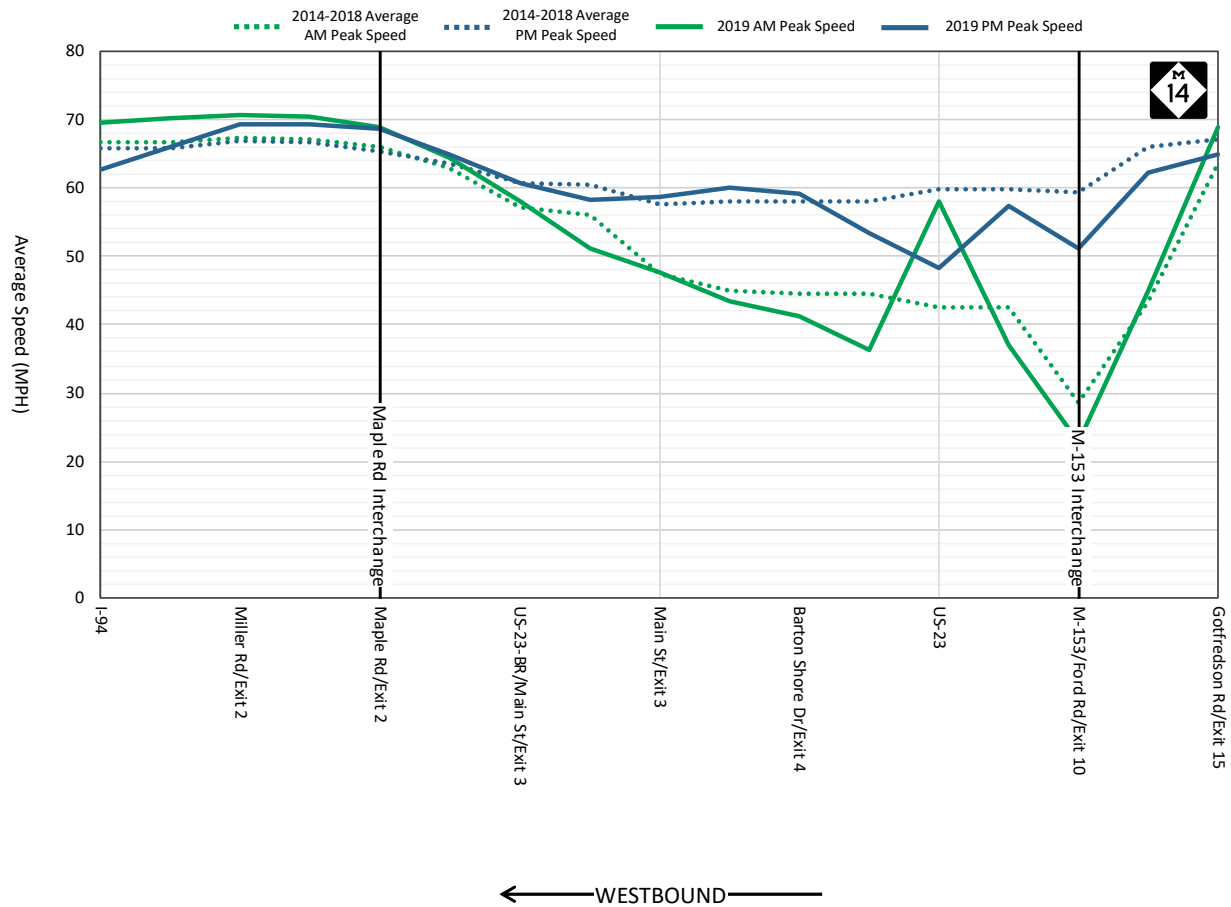
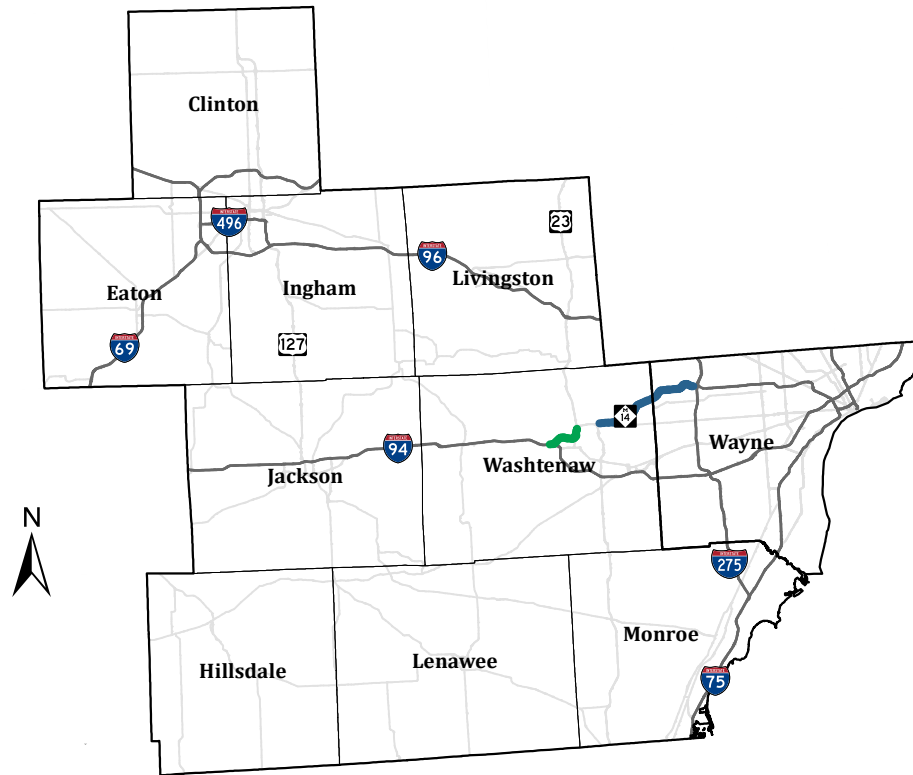


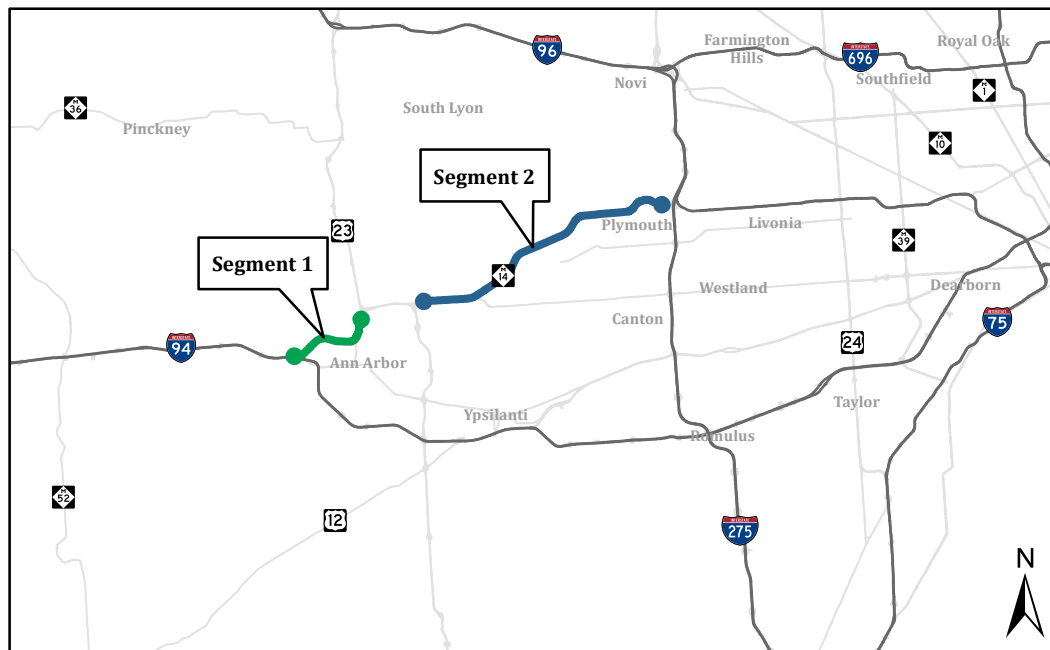
FIGURE 60. University Region Westbound M-14 Average Speed



M-14: TRAVEL TIME RELIABILITY



a) University Region and Wayne County

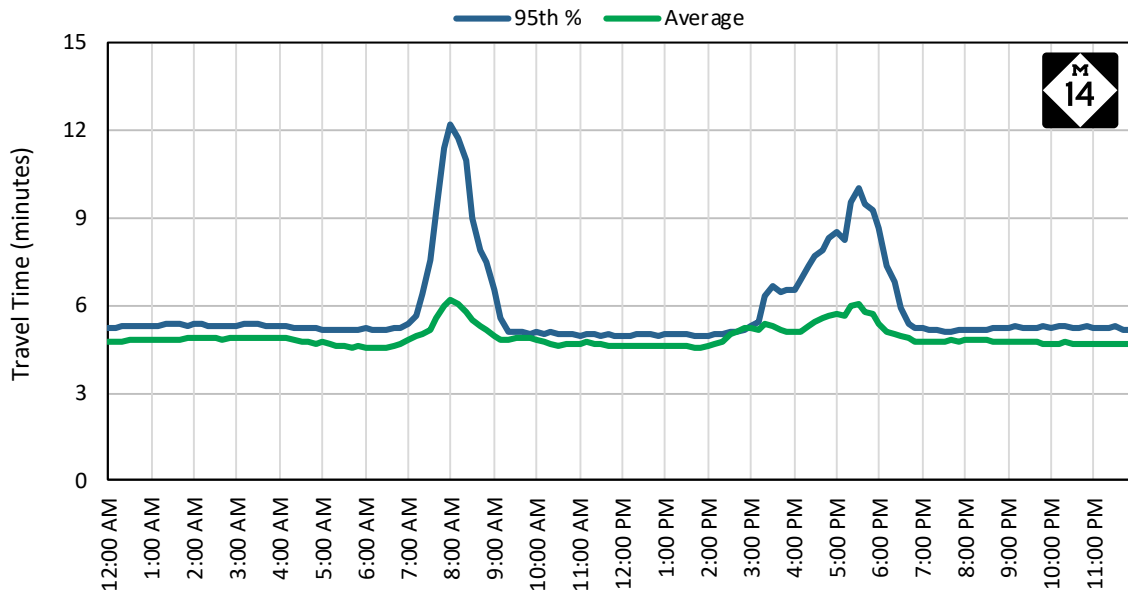


b) Ann Arbor, Michigan

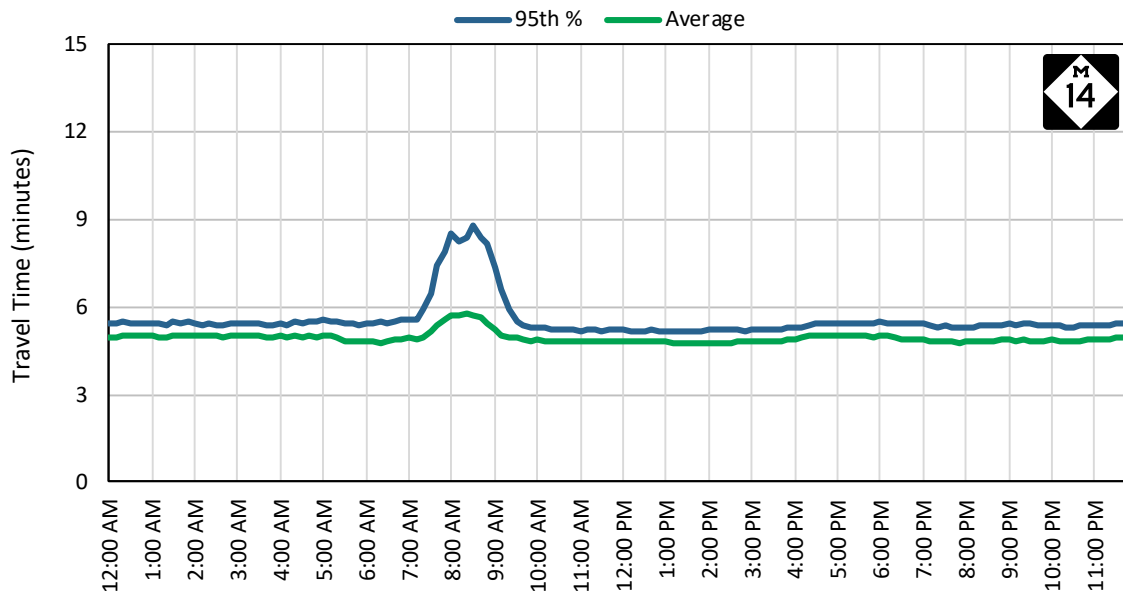
FIGURE 61. Travel Time Reliability: M-14



M-14: TRAVEL TIME RELIABILITY



a) Eastbound

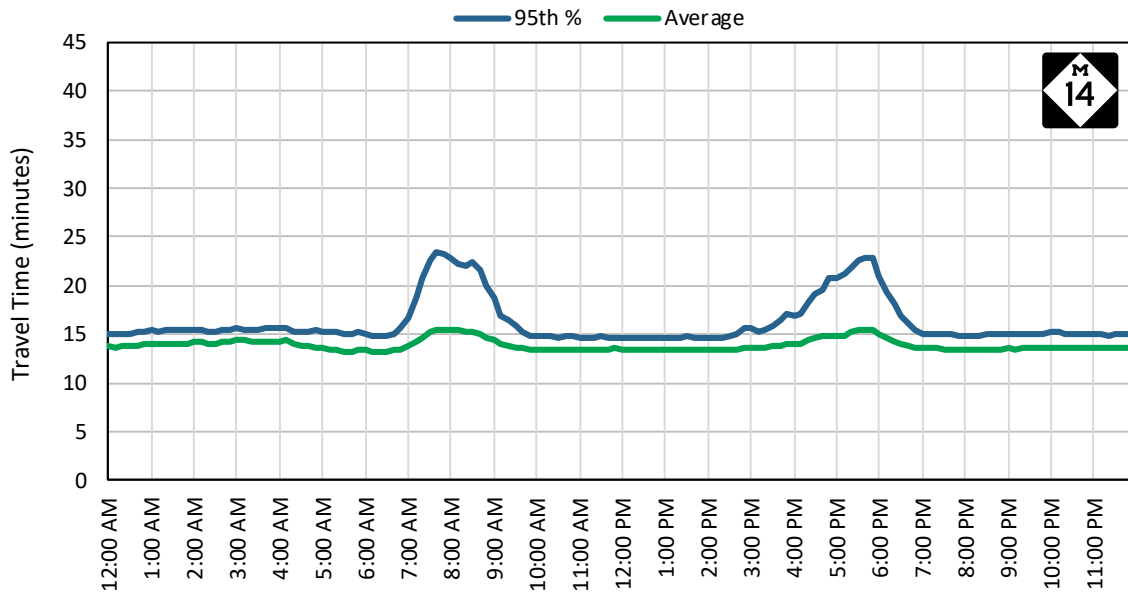


b) Westbound

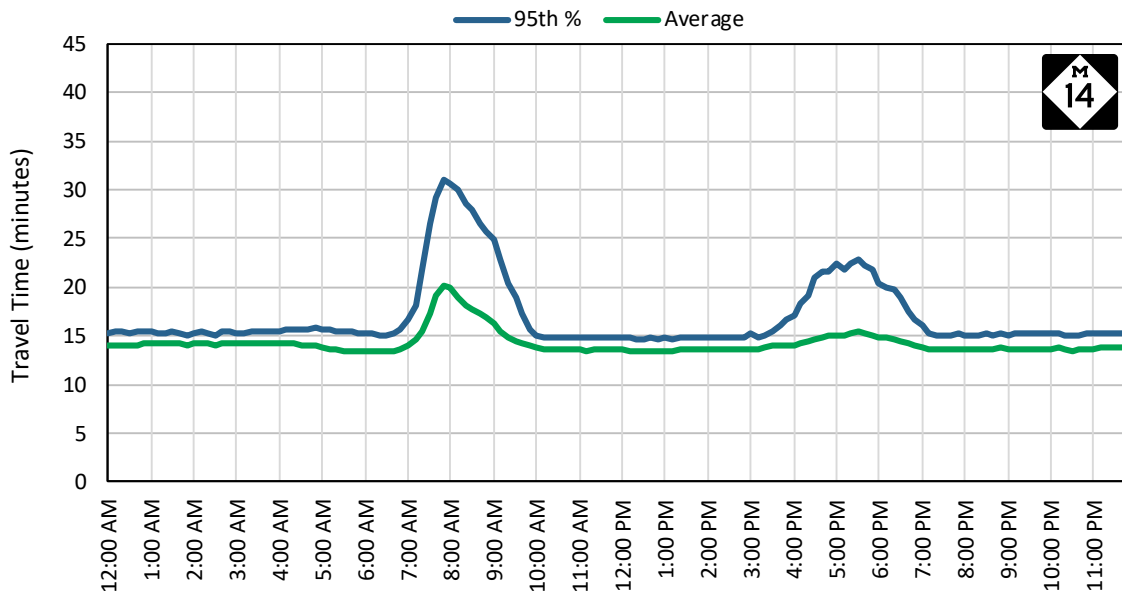
FIGURE 62. Segment 1 - M-14 between I-94 and US-23/Main St/Exit 3



M-14: TRAVEL TIME RELIABILITY

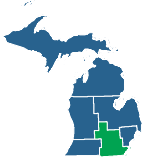


a) Eastbound



b) Westbound

FIGURE 63. Segment 2 - M-14 between US-23 and I-275



M-14: LEVEL OF TRAVEL TIME RELIABILITY

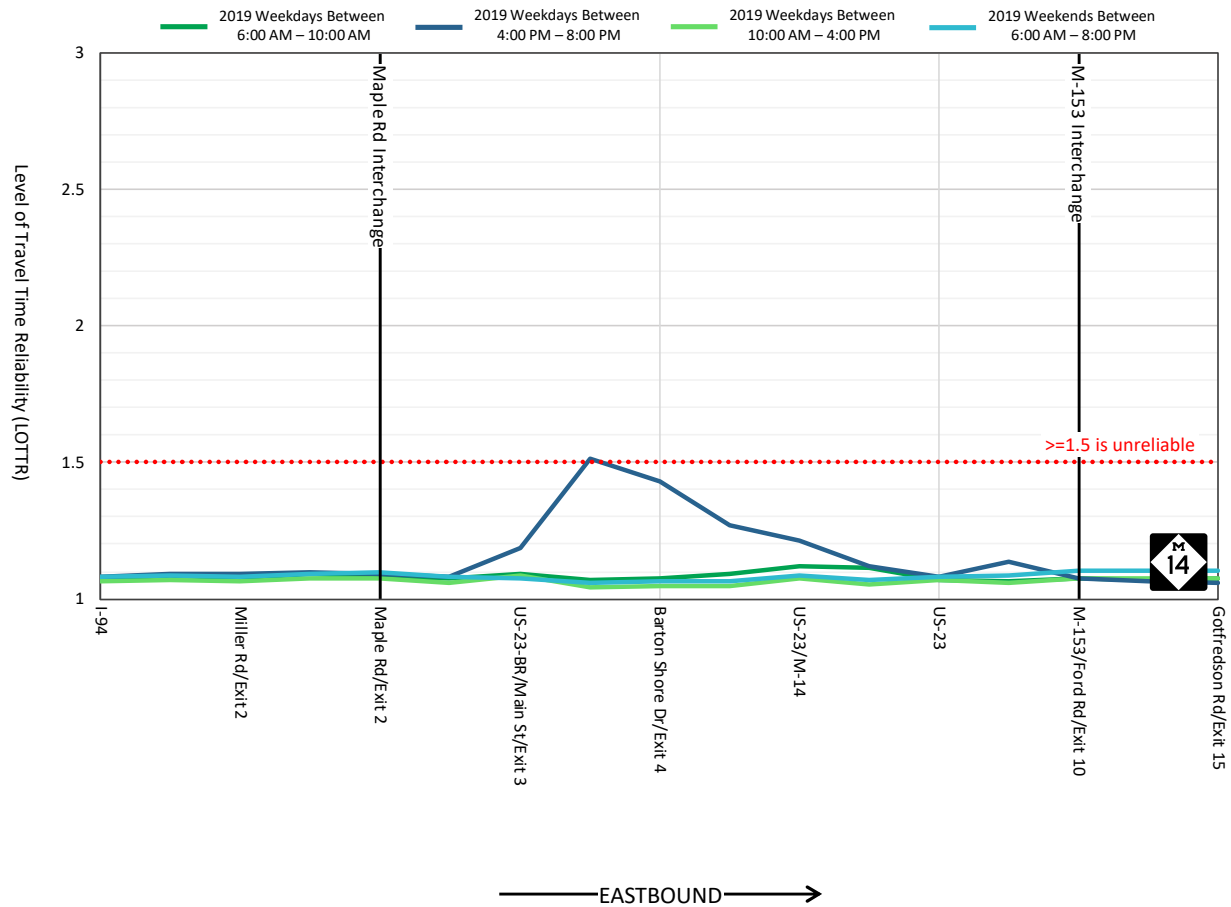
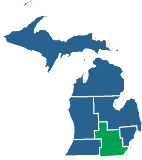


FIGURE 64. University Region Eastbound M-14 Level of Travel Time Reliability



M-14: LEVEL OF TRAVEL TIME RELIABILITY

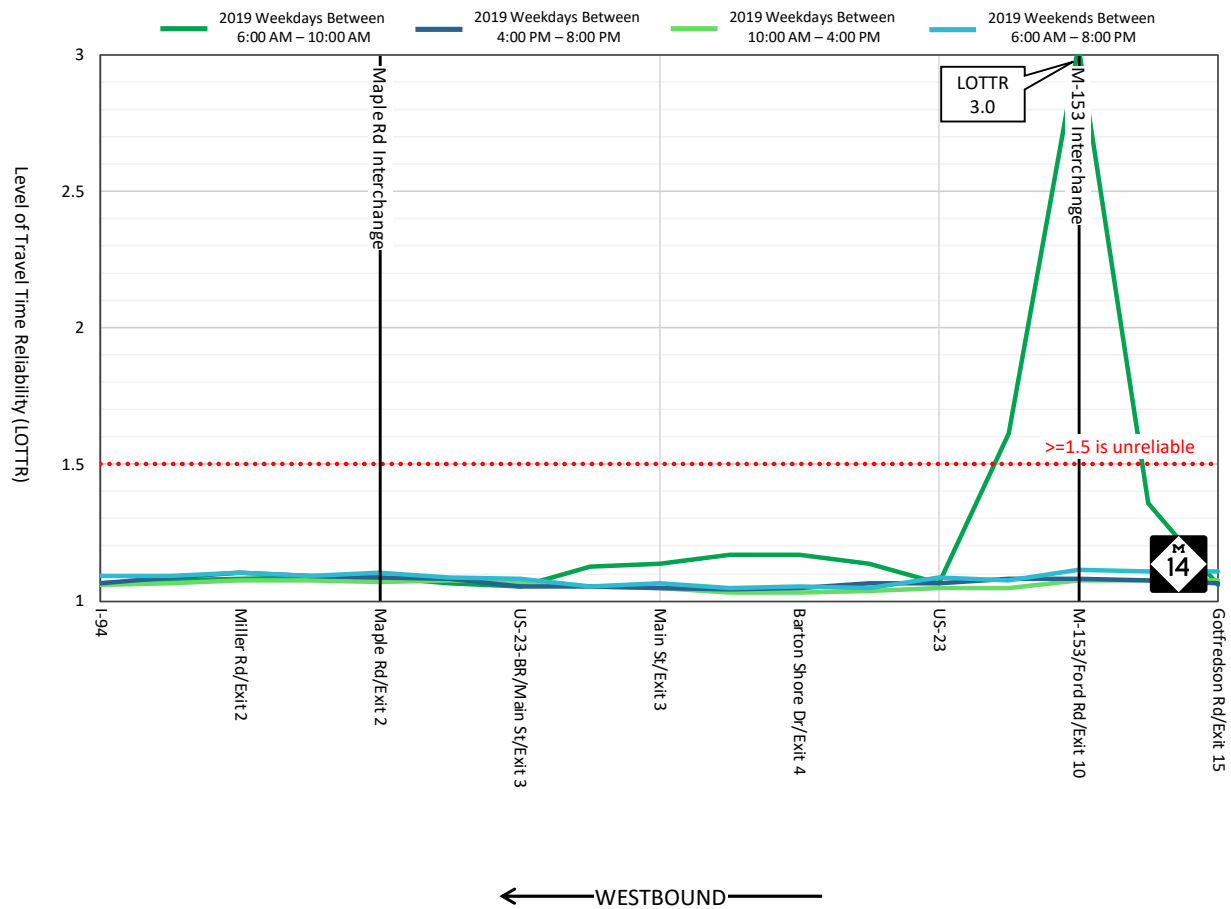
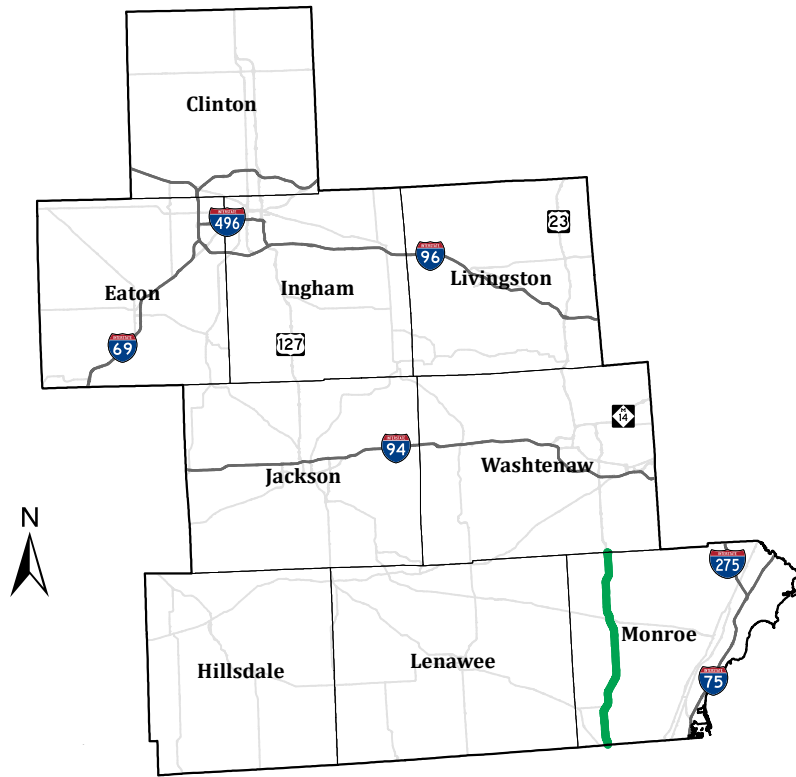


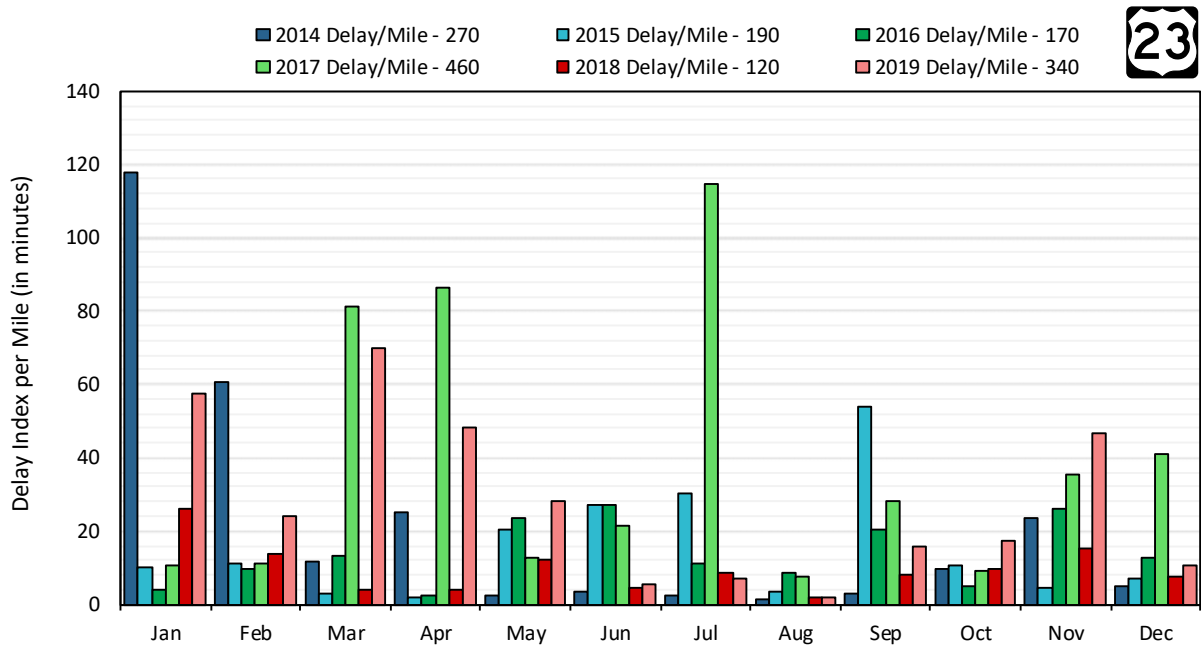
FIGURE 65. University Region Westbound M-14 Level of Travel Time Reliability



US-23: MONROE COUNTY DELAY INDEX



a) Segment Map

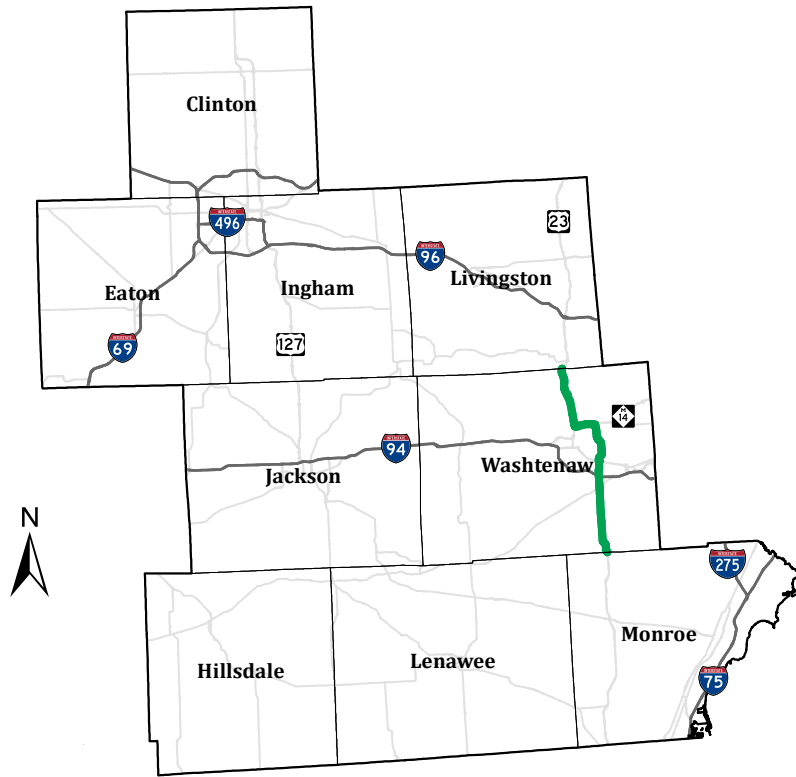


b) Delay Index Graph

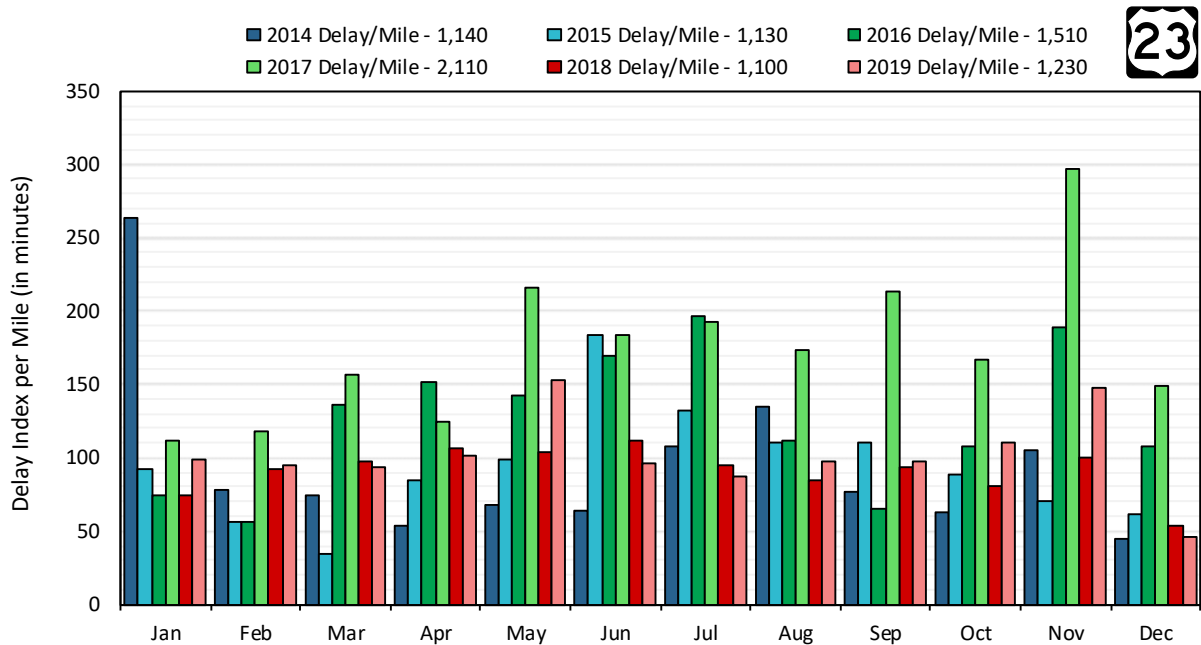
FIGURE 66. Monroe County US-23 Corridor Delay Index



US-23: WASHTENAW COUNTY DELAY INDEX



a) Segment Map



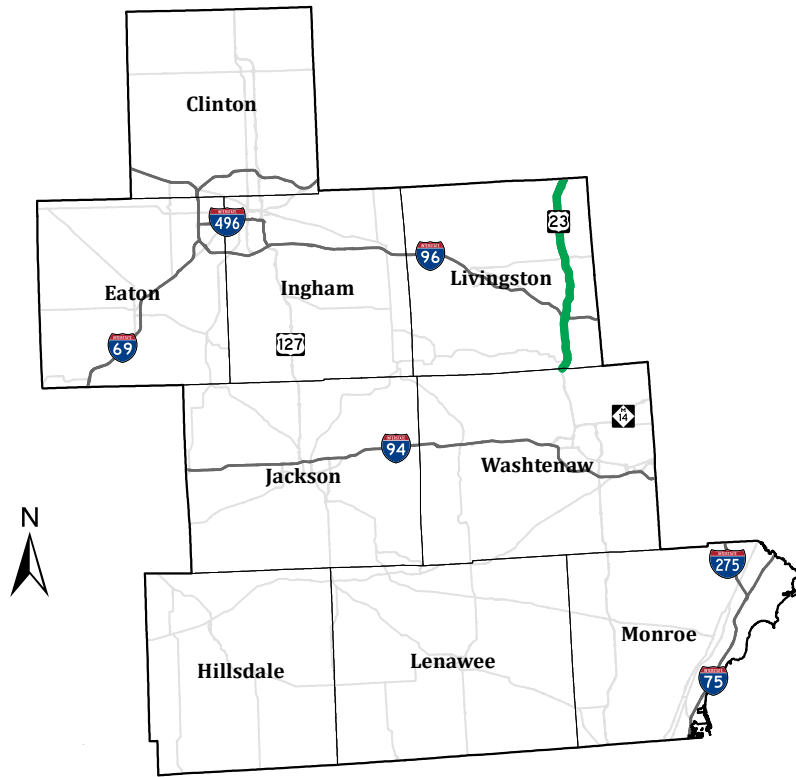
b) Delay Index Graph

FIGURE 67. Washtenaw County US-23 Corridor Delay Index

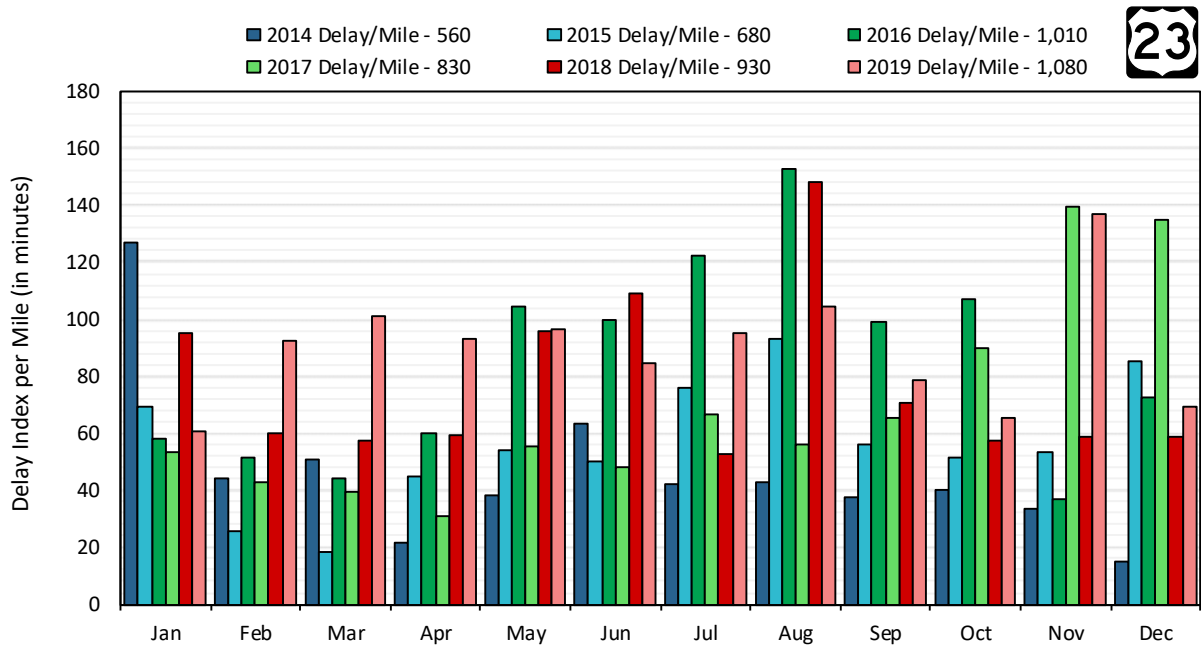




US-23: LIVINGSTON COUNTY DELAY INDEX



a) Segment Map



b) Delay Index Graph

FIGURE 68. Livingston County US-23 Corridor Delay Index



US-23: AVERAGE SPEED

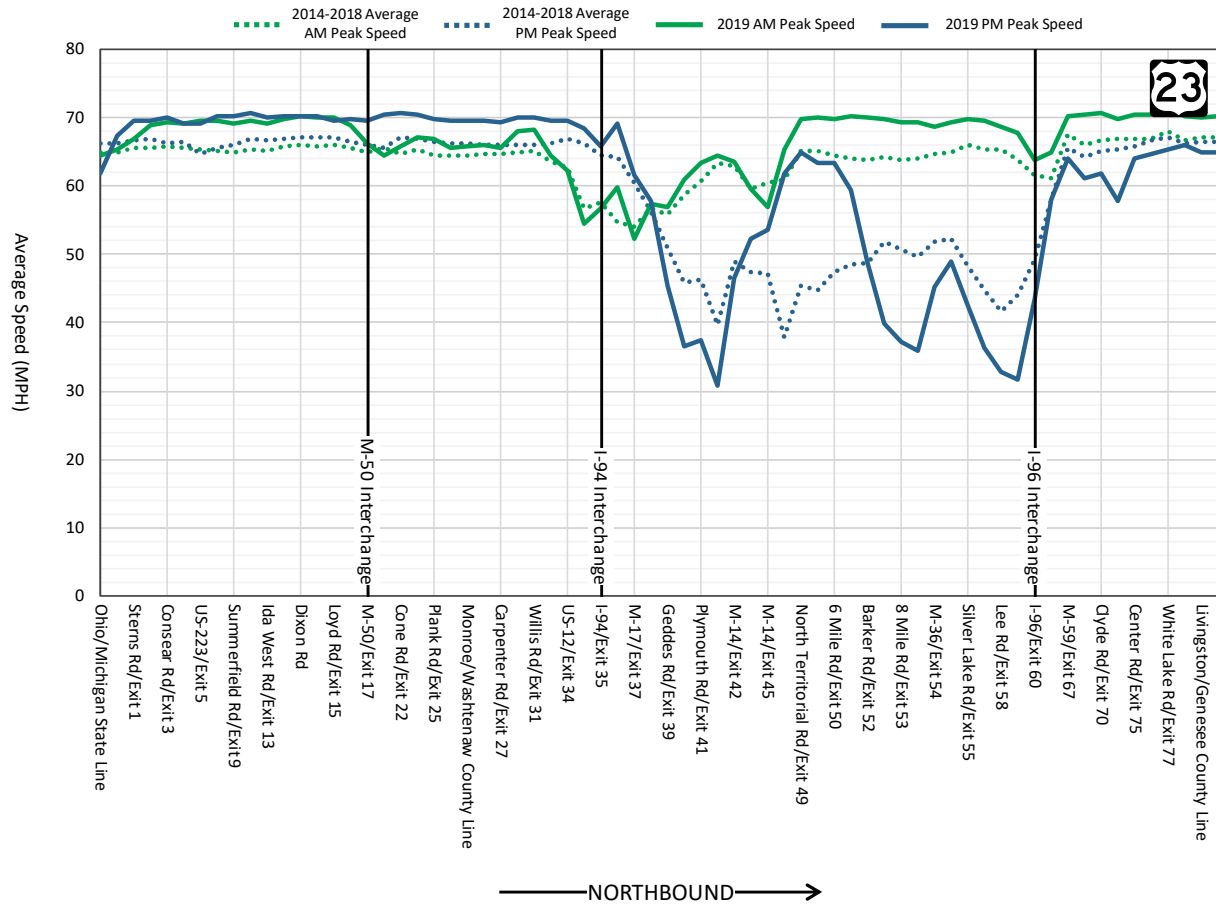


FIGURE 69. University Region Northbound US-23 Average Speed



US-23: AVERAGE SPEED

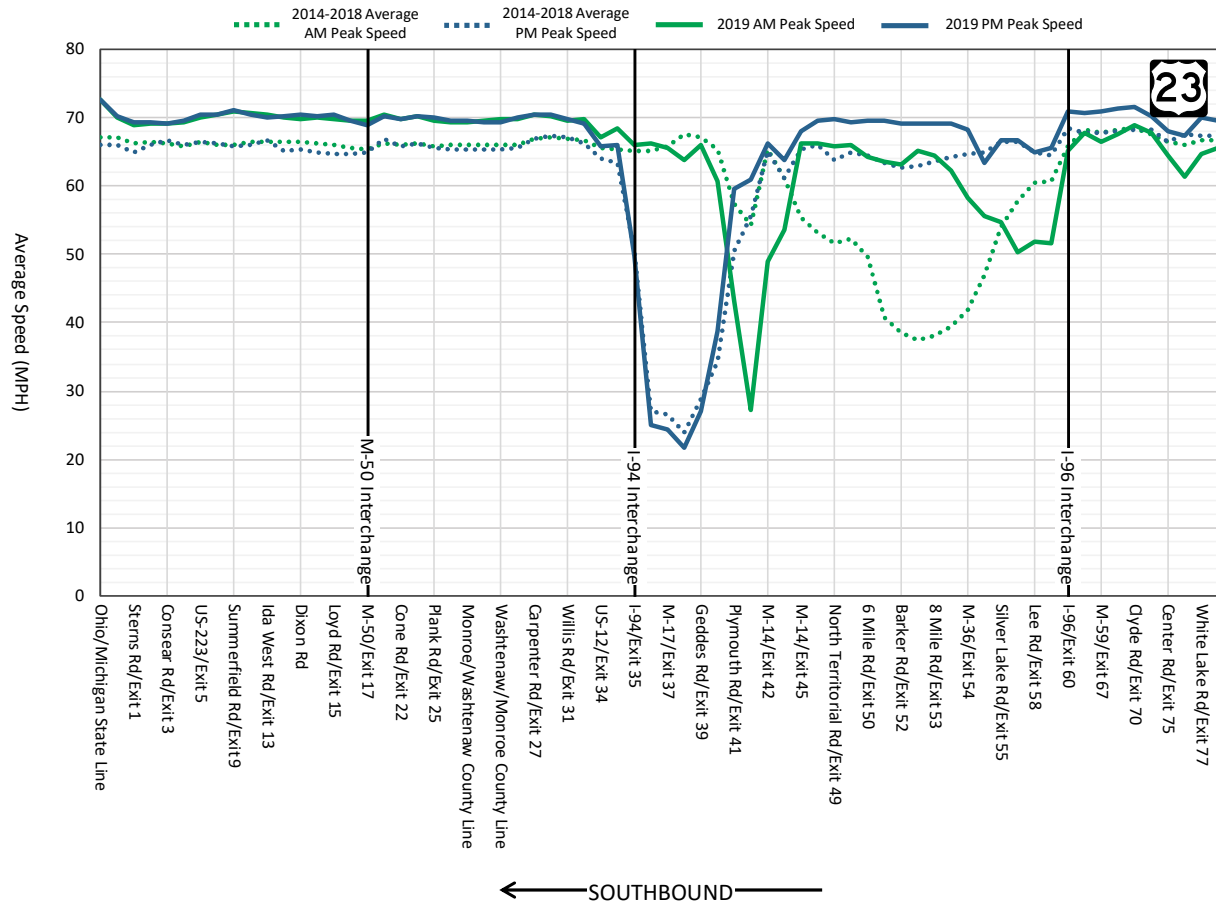
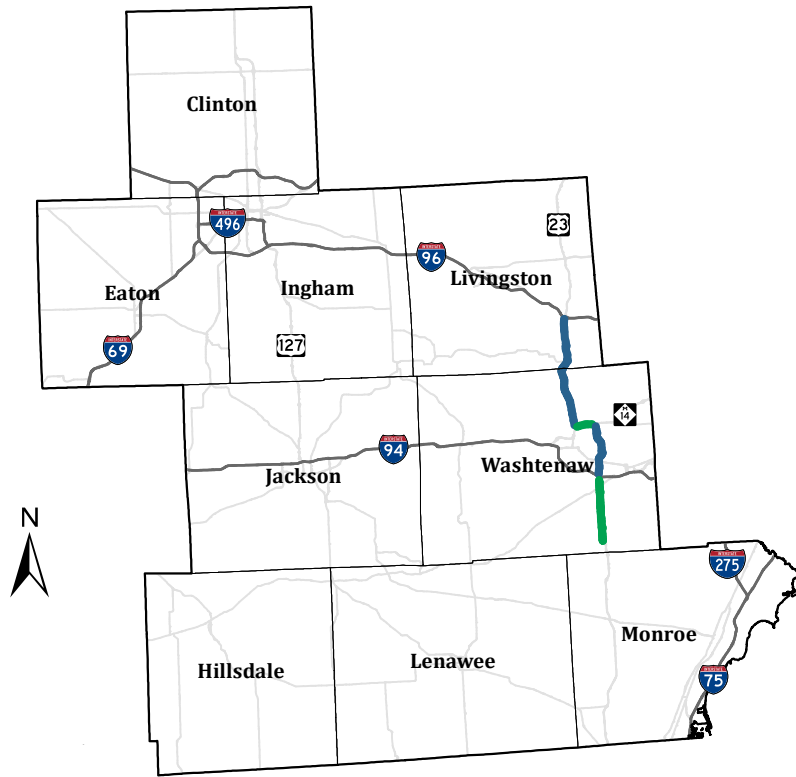


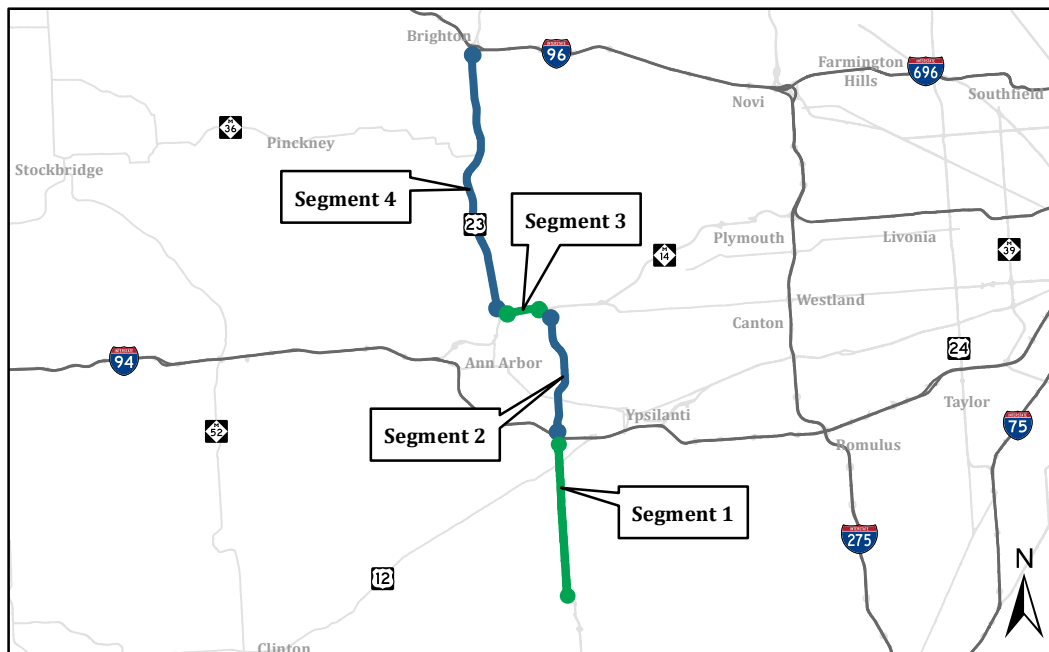
FIGURE 70. University Region Southbound US-23 Average Speed



US-23: TRAVEL TIME RELIABILITY



a) University Region

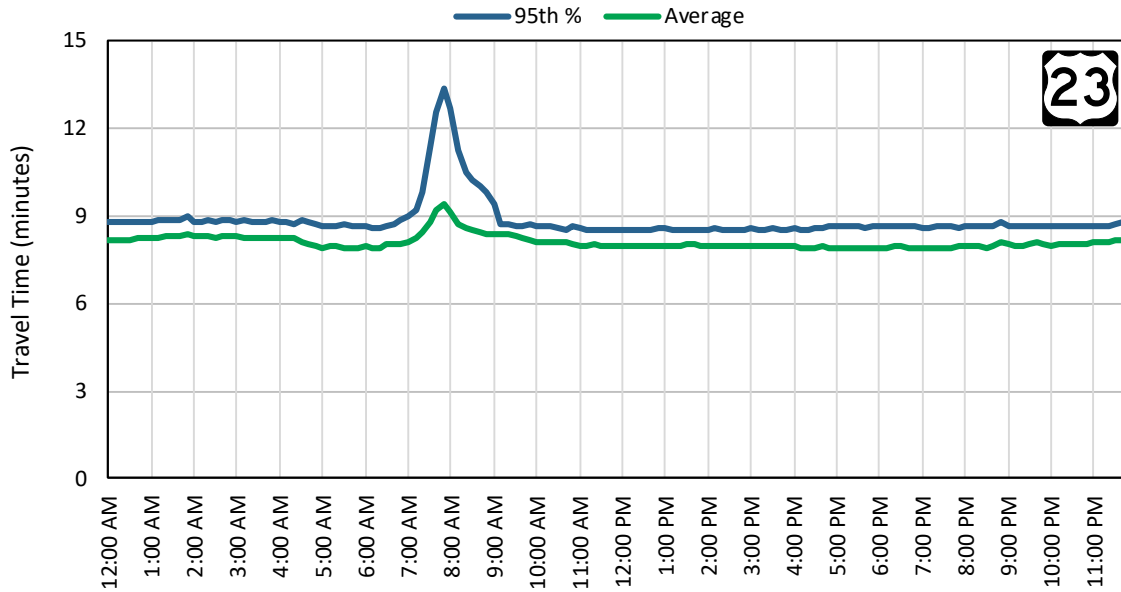


b) Ann Arbor, Michigan

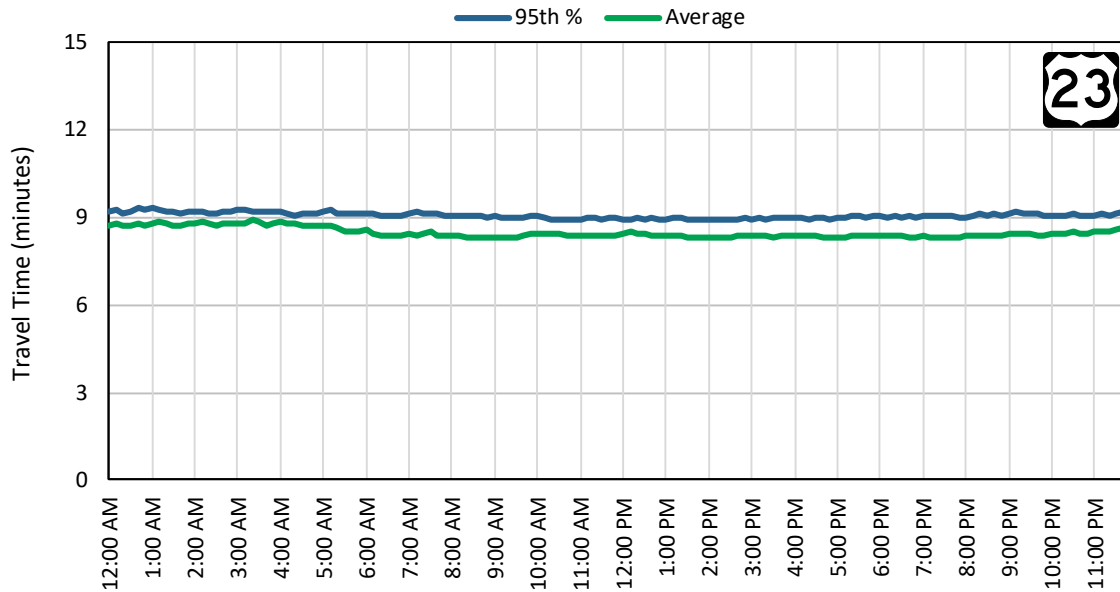
FIGURE 71. Travel Time Reliability: US-23



US-23: TRAVEL TIME RELIABILITY



a) Northbound

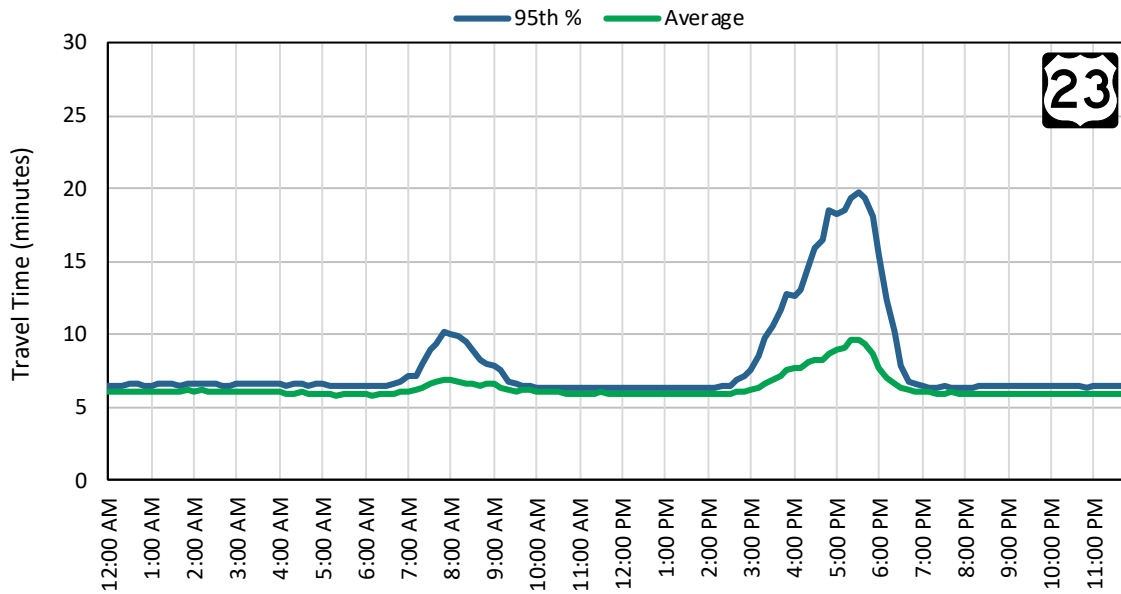


b) Southbound

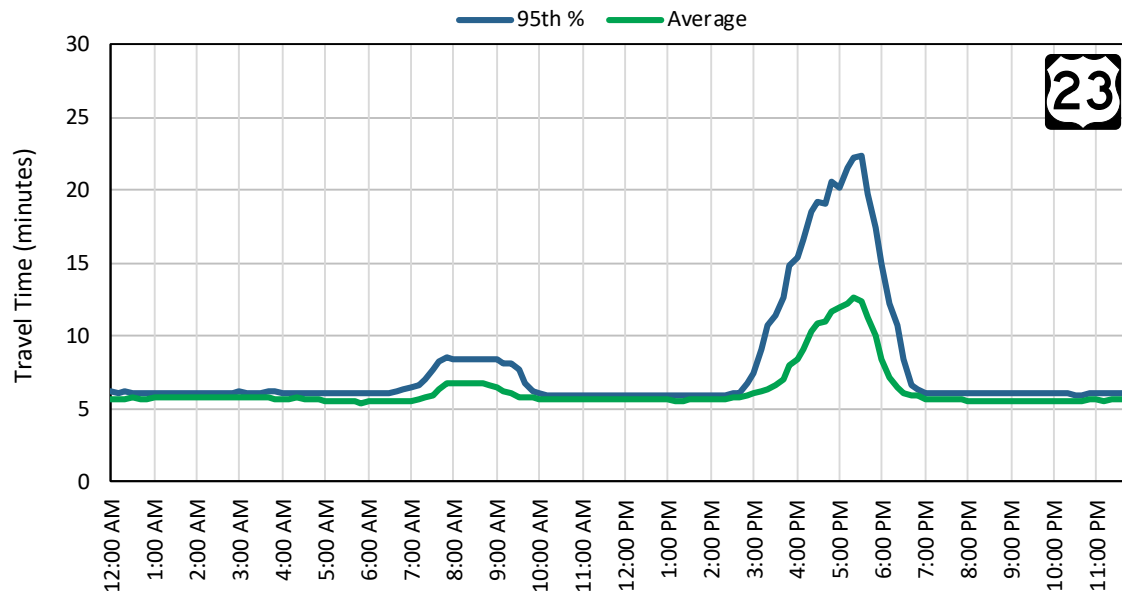
FIGURE 72. Segment 1 - US-23 between Willis Rd/Exit 31 and I-94/Exit 35



US-23: TRAVEL TIME RELIABILITY



a) Northbound

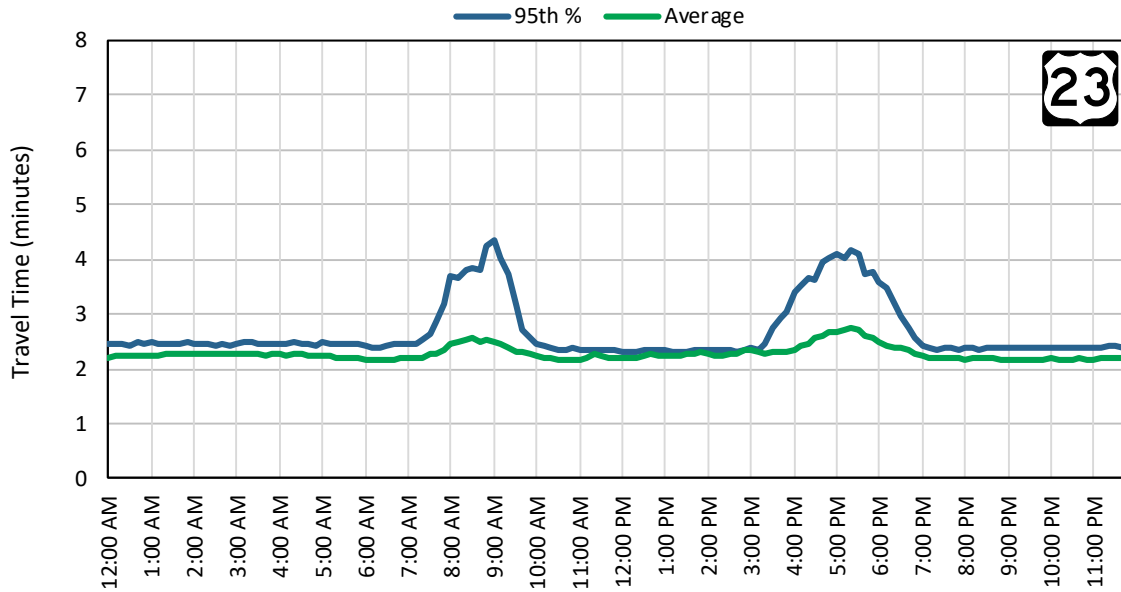


b) Southbound

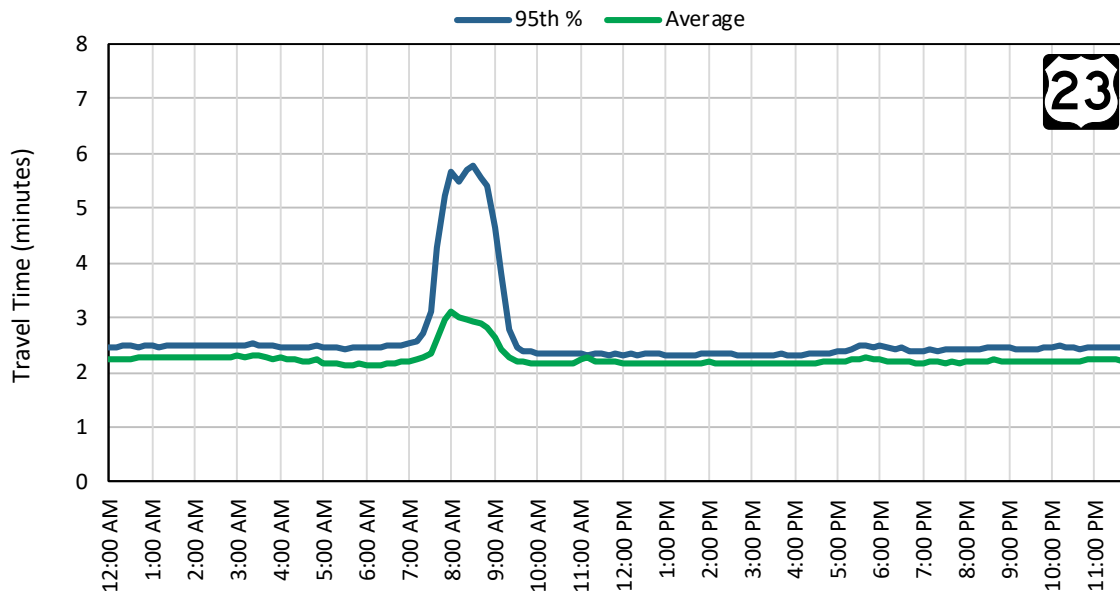
FIGURE 73. Segment 2 - US-23 between I-94/Exit 35 and M-14/Exit 42



US-23: TRAVEL TIME RELIABILITY



a) Northbound

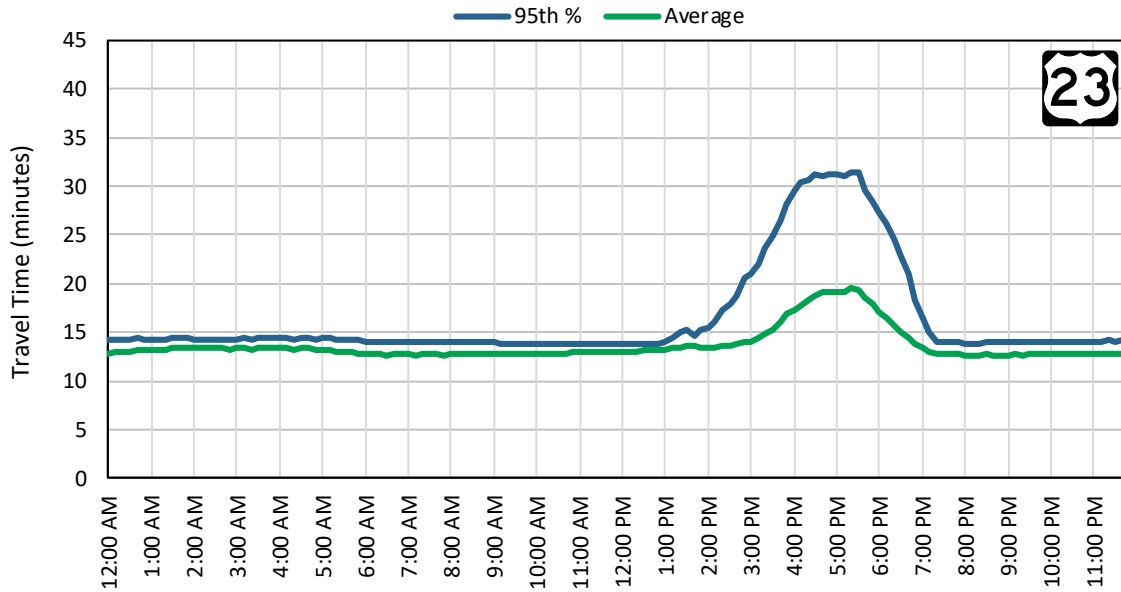


b) Southbound

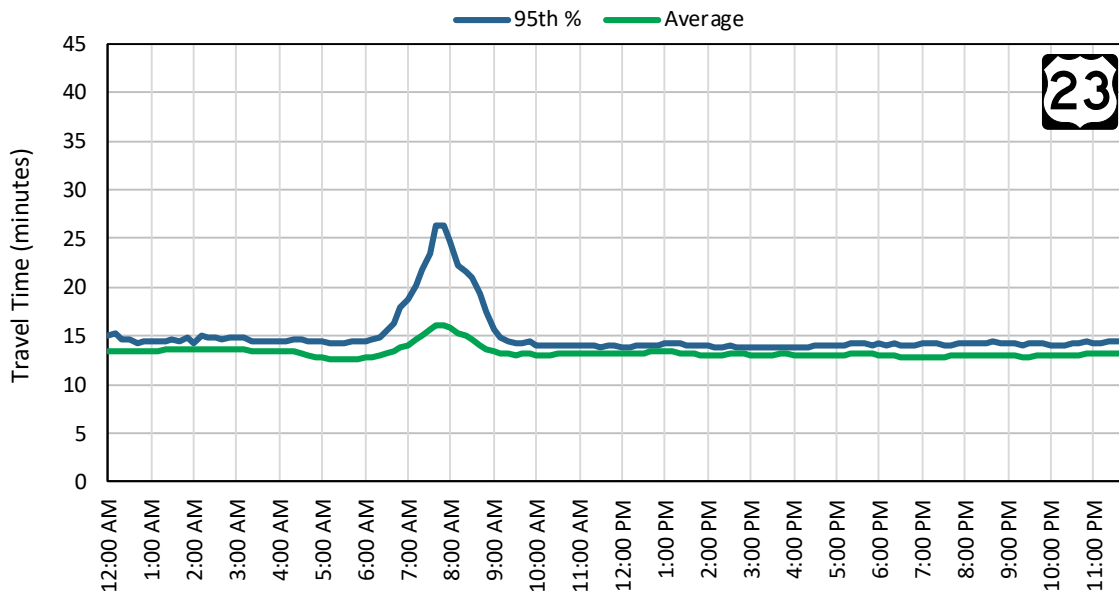
FIGURE 74. Segment 3 - US-23 between M-14/Exit 42 and M-14/Exit 45



US-23: TRAVEL TIME RELIABILITY

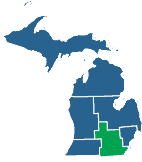


a) Northbound



b) Southbound

FIGURE 75. Segment 4 - US-23 between M-14/Exit 45 and I-96/Exit 60



US-23: LEVEL OF TRAVEL TIME RELIABILITY

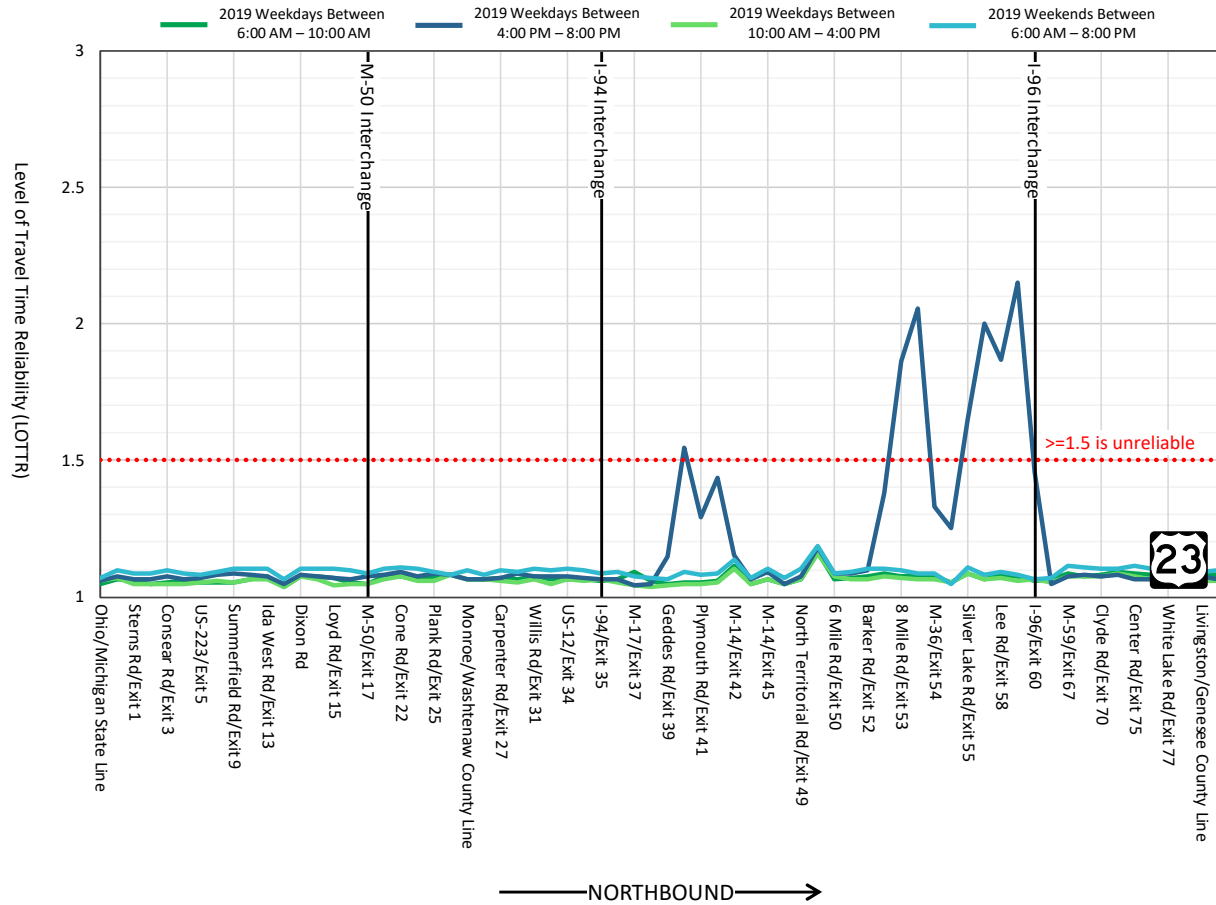


FIGURE 76. University Region Northbound US-23 Level of Travel Time Reliability



US-23: LEVEL OF TRAVEL TIME RELIABILITY

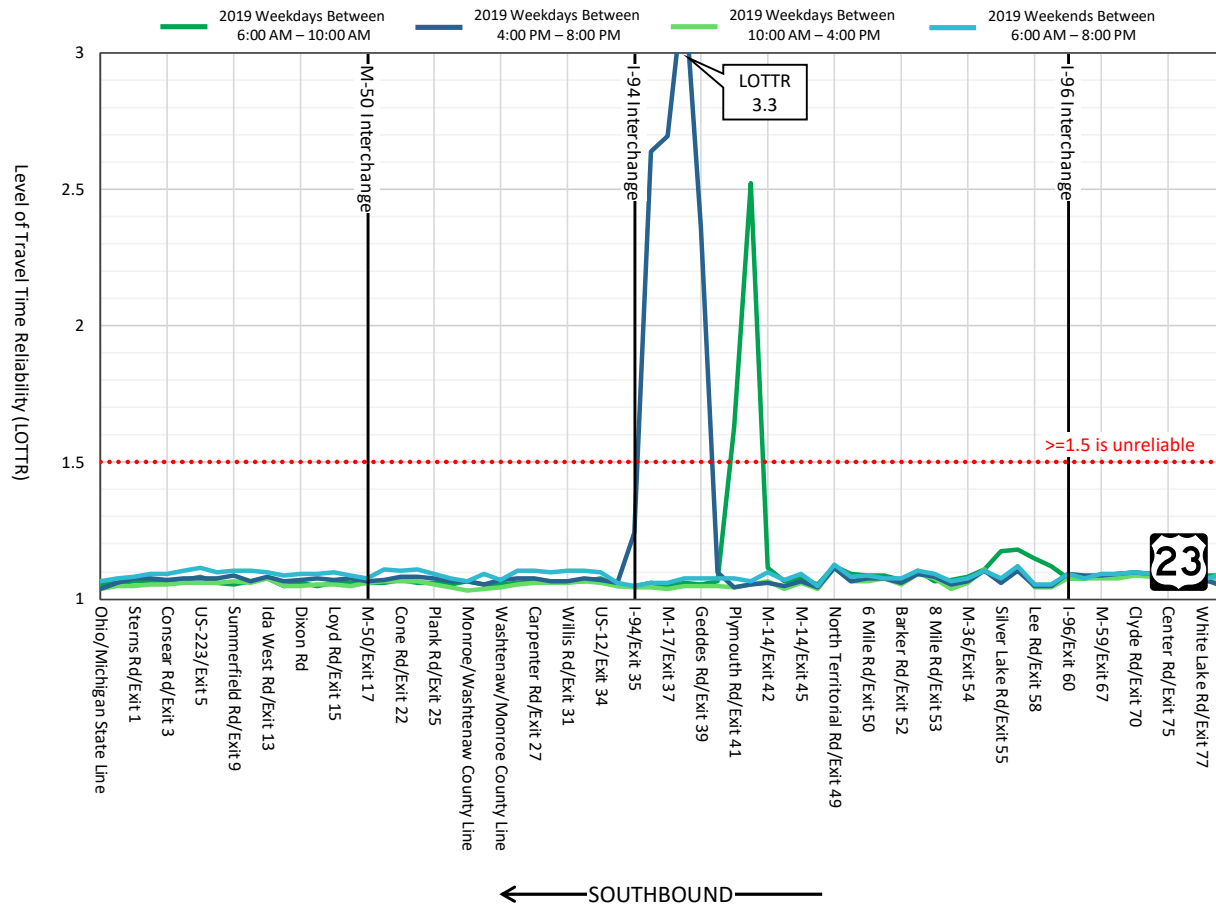
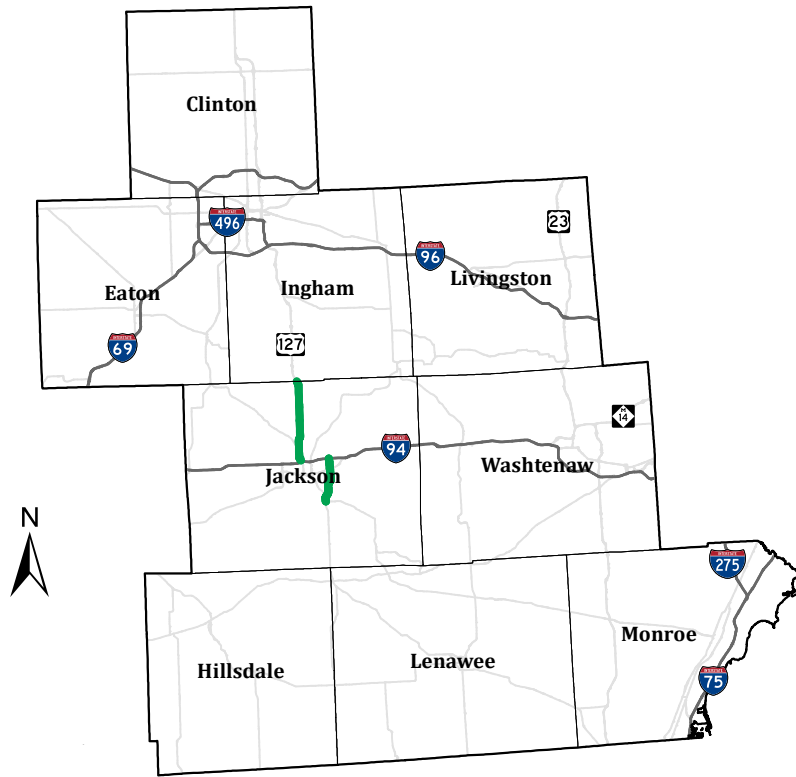


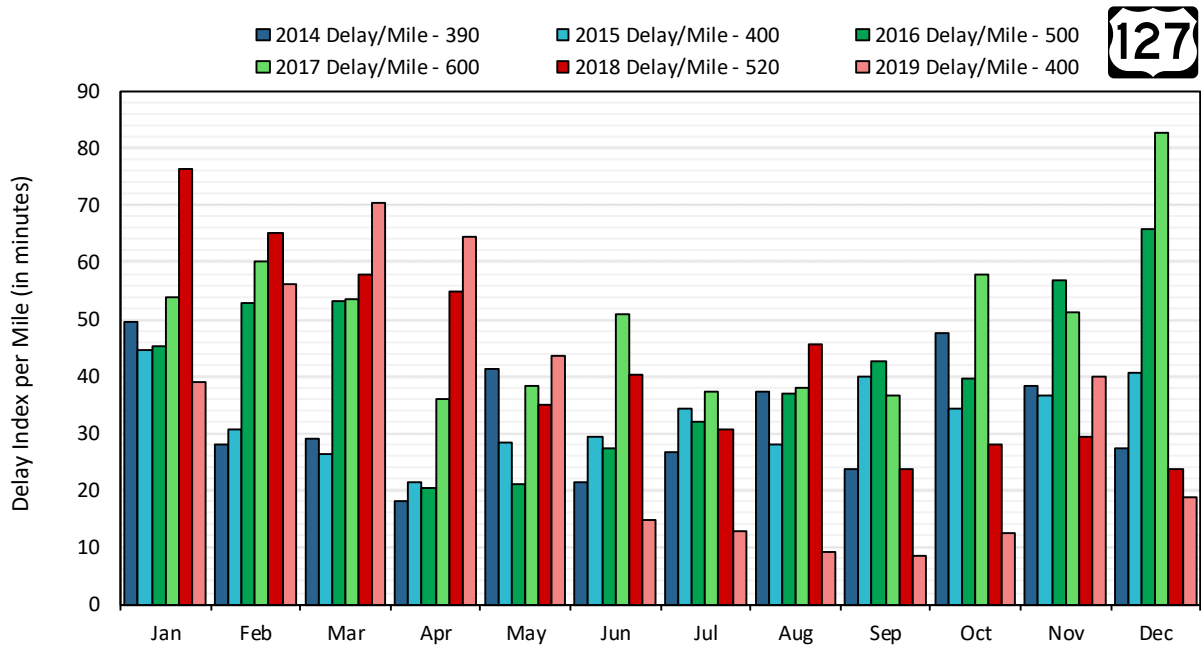
FIGURE 77. University Region Southbound US-23 Level of Travel Time Reliability



US-127: JACKSON COUNTY DELAY INDEX



a) Segment Map

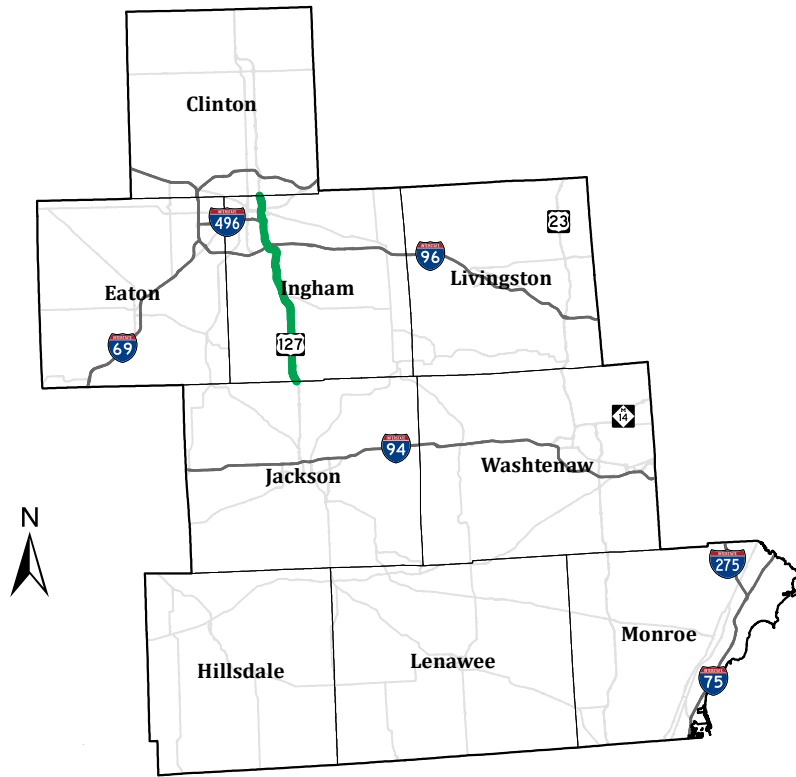


b) Delay Index Graph

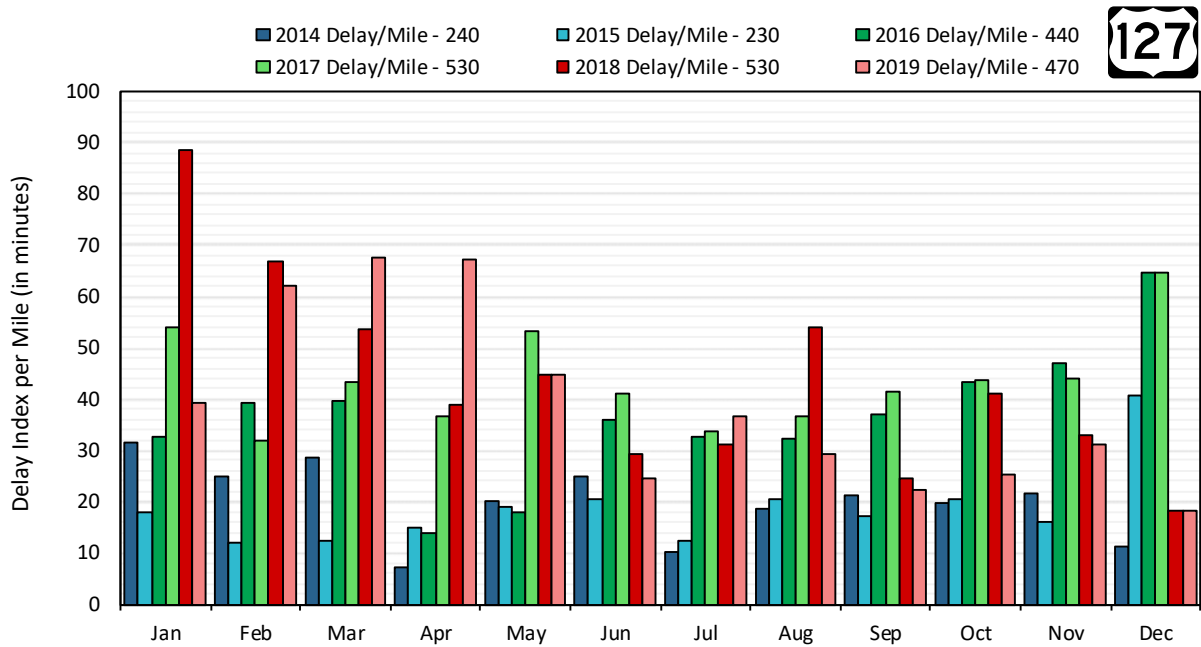
FIGURE 78. Jackson County US-127 Corridor Delay Index



US-127: INGHAM COUNTY DELAY INDEX



a) Segment Map

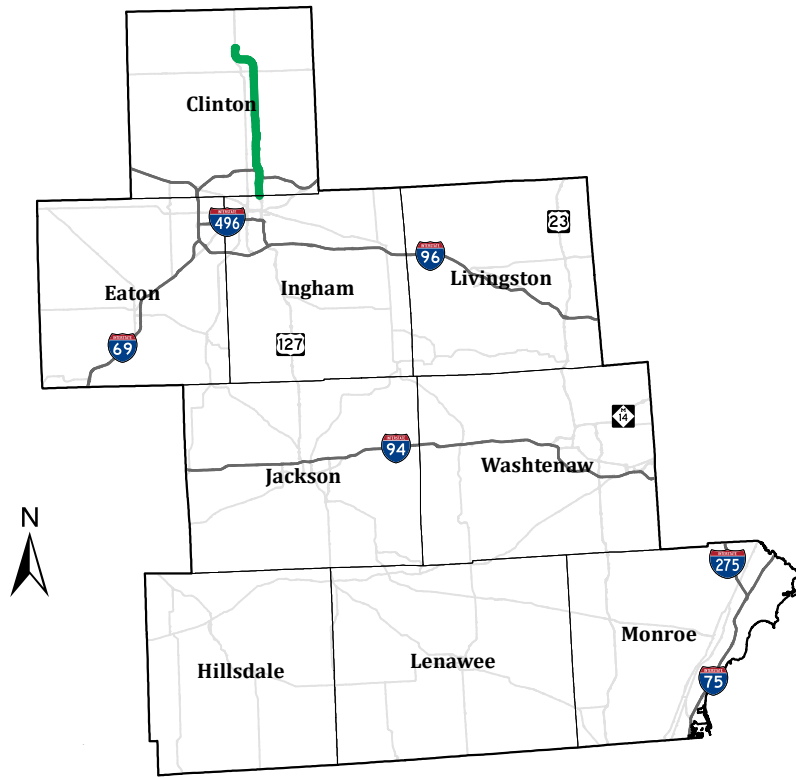


b) Delay Index Graph

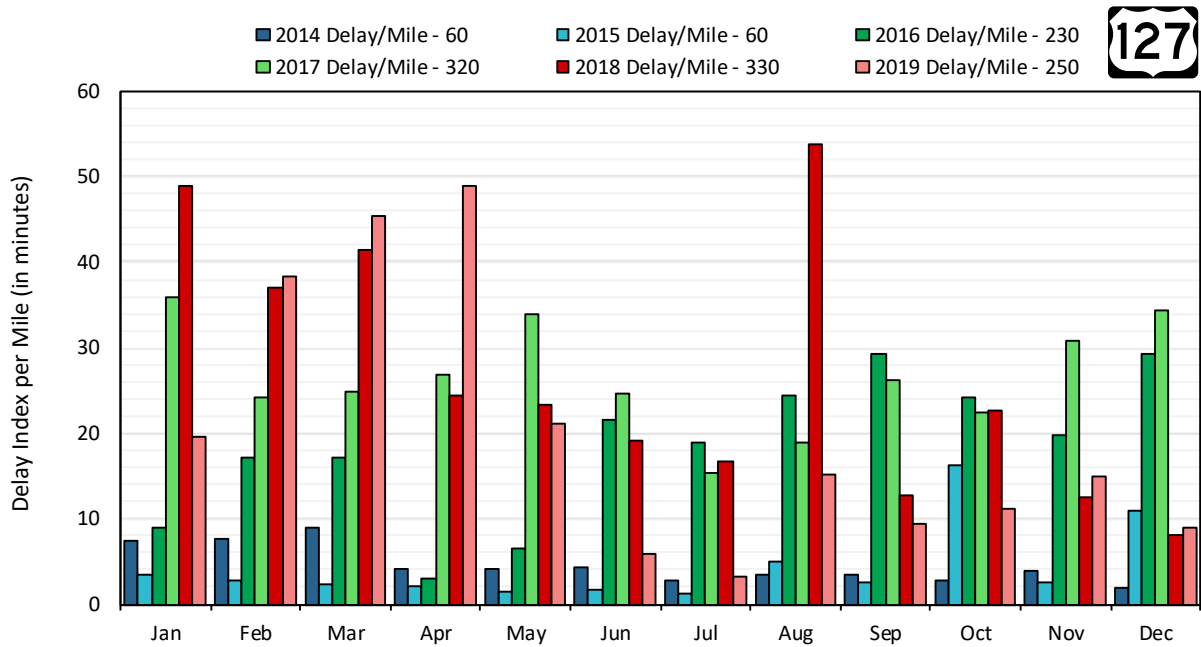
FIGURE 79. Ingham County US-127 Corridor Delay Index



US-127: CLINTON COUNTY DELAY INDEX



a) Segment Map



b) Delay Index Graph

FIGURE 80. Clinton County US-127 Corridor Delay Index





US-127: AVERAGE SPEED

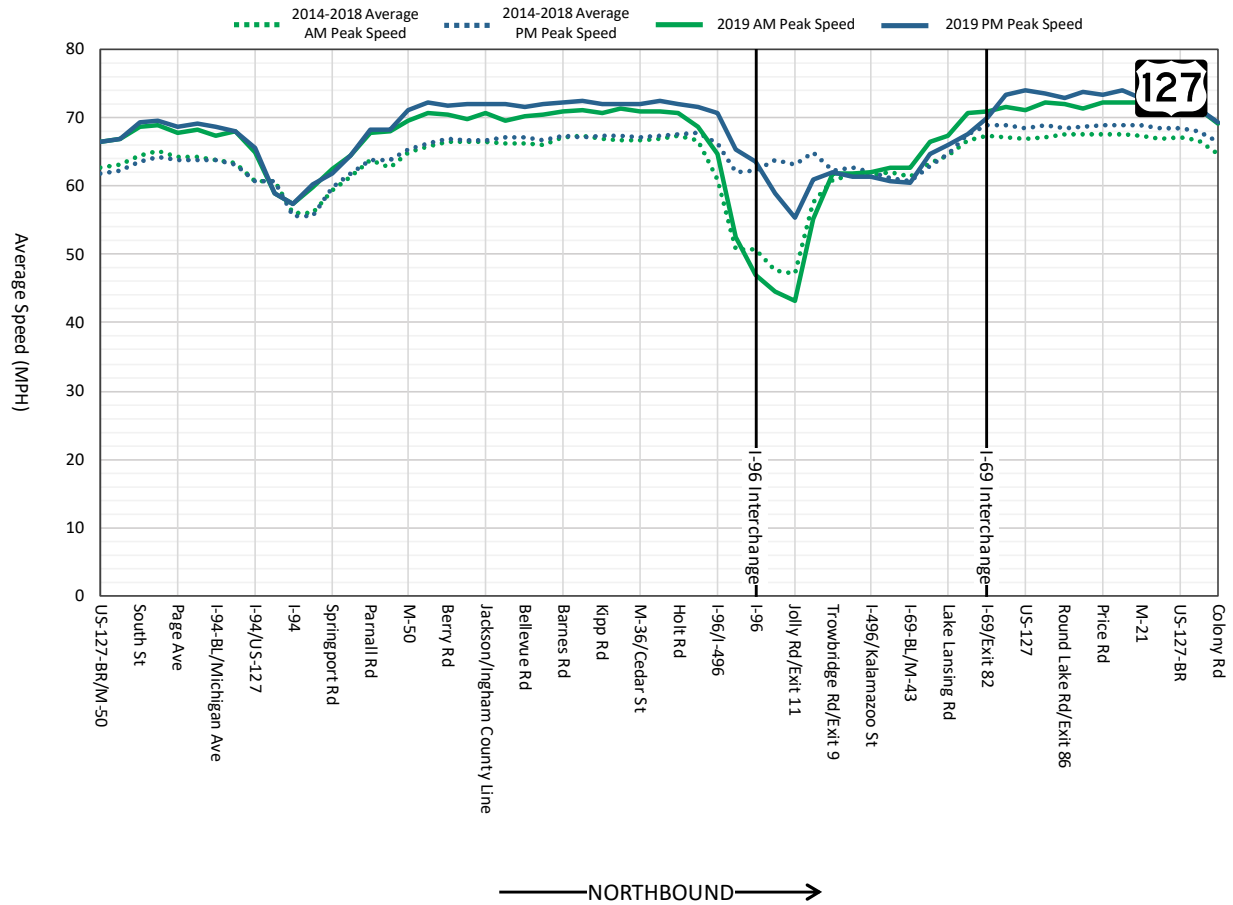


FIGURE 81. University Region Northbound US-127 Average Speed



US-127: AVERAGE SPEED

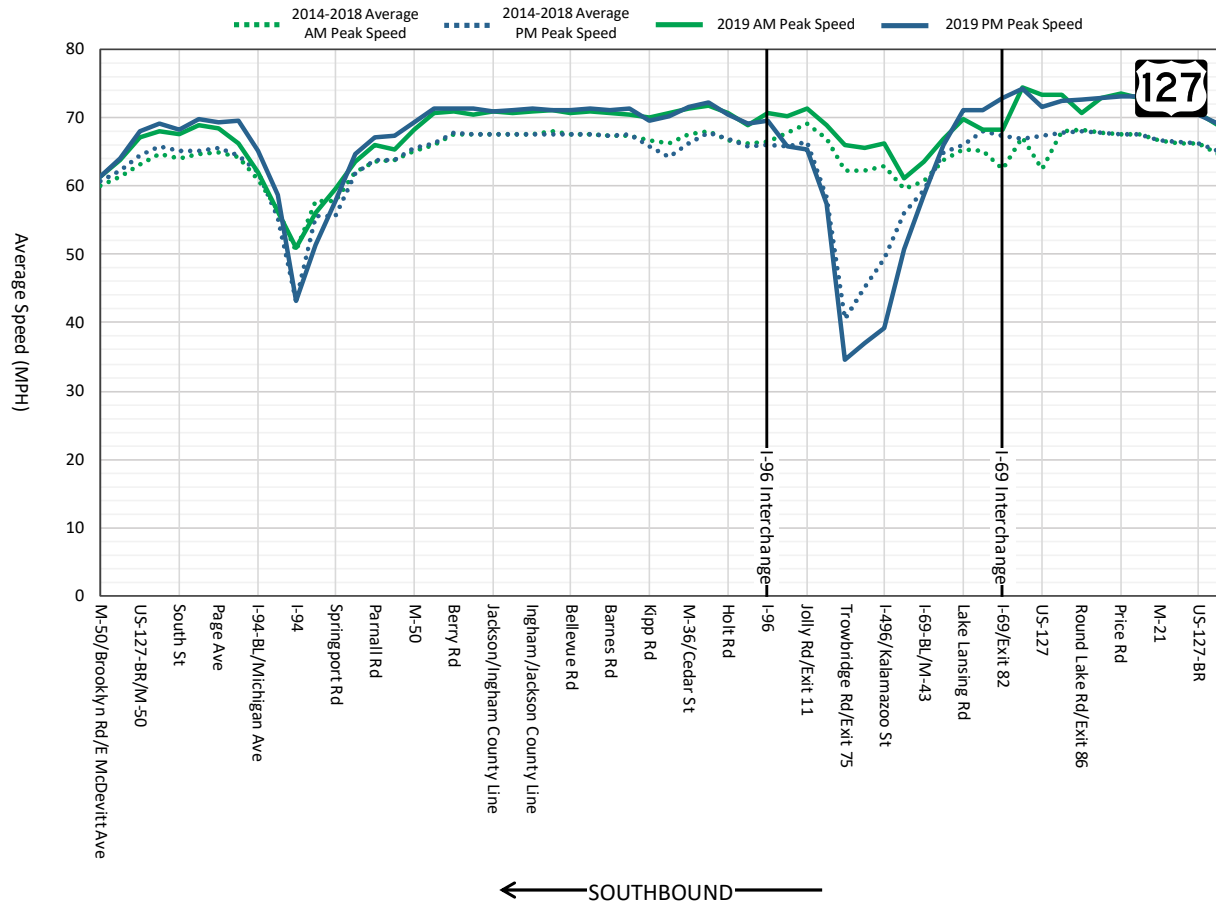
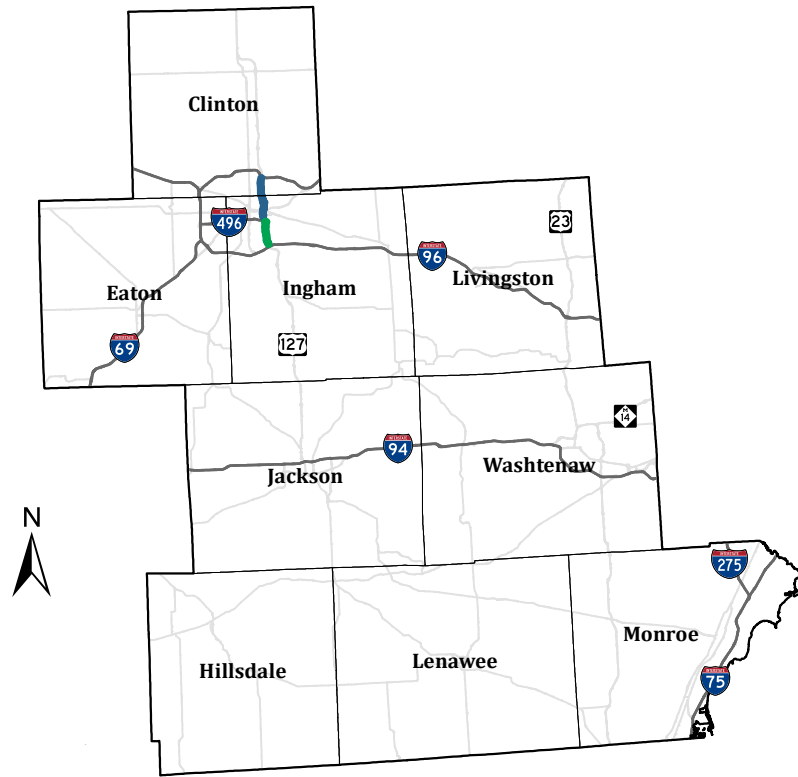


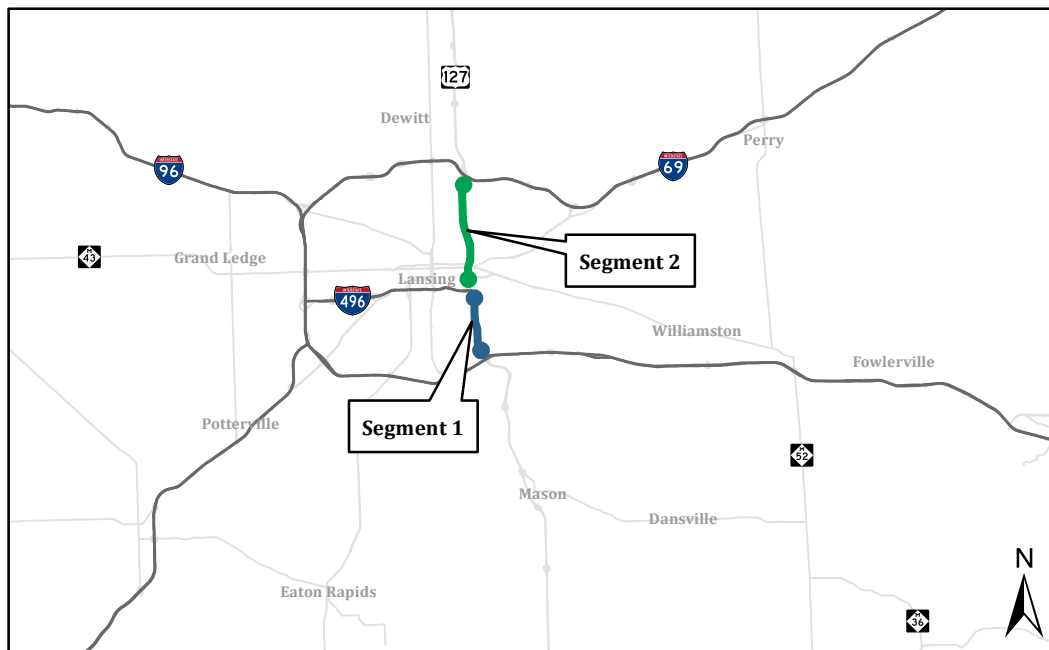
FIGURE 82. University Region Northbound US-127 Average Speed



US-127: TRAVEL TIME RELIABILITY



a) University Region

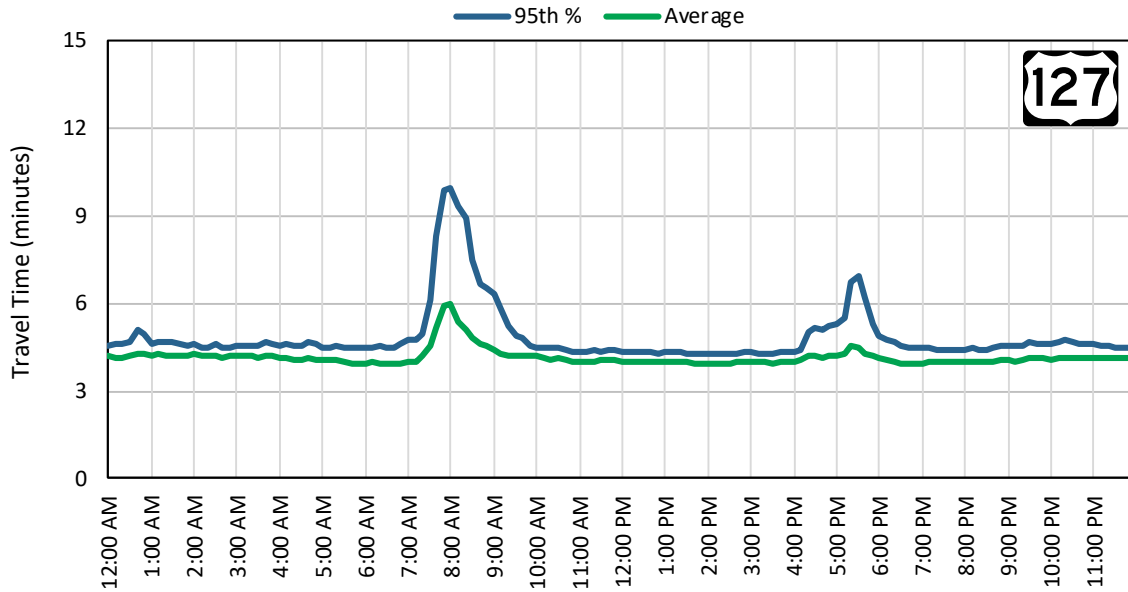


b) Lansing, Michigan

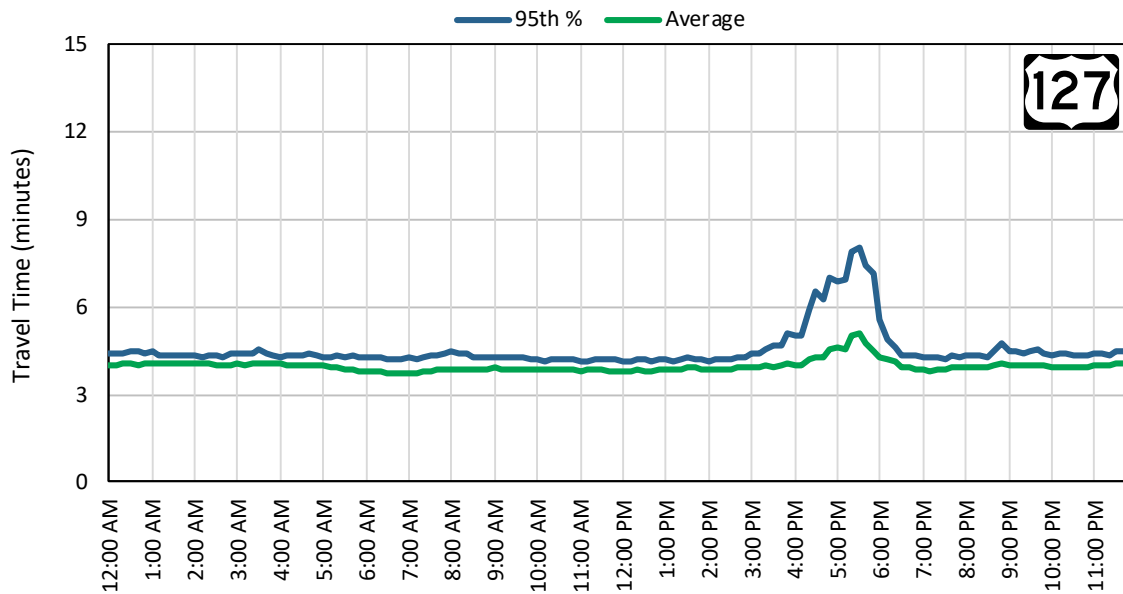
FIGURE 83. Travel Time Reliability: US-127



US-127: TRAVEL TIME RELIABILITY



a) Northbound

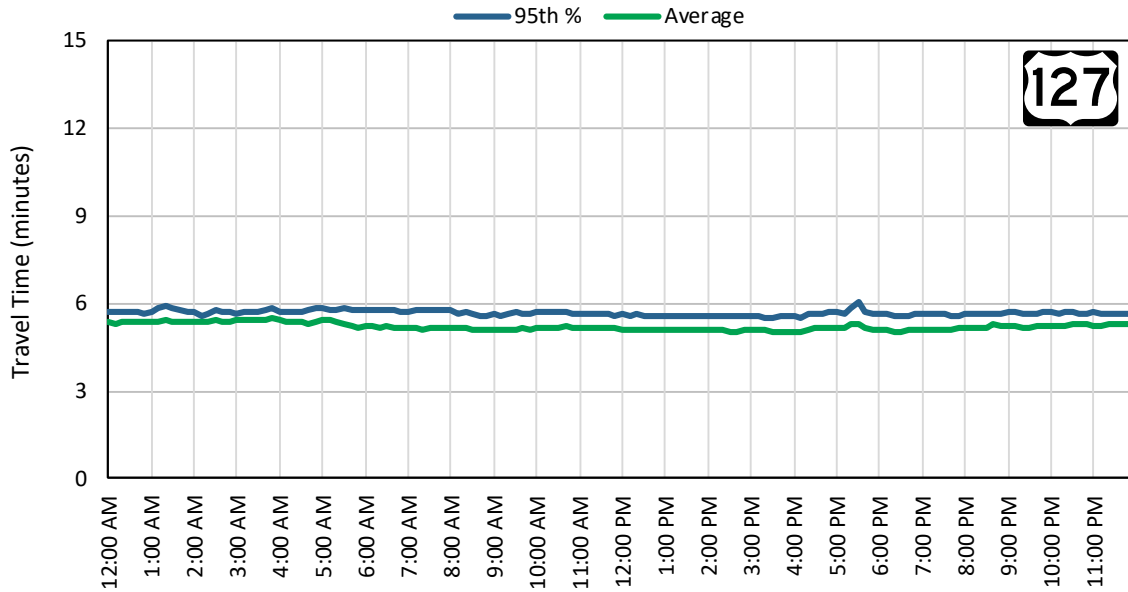


b) Southbound

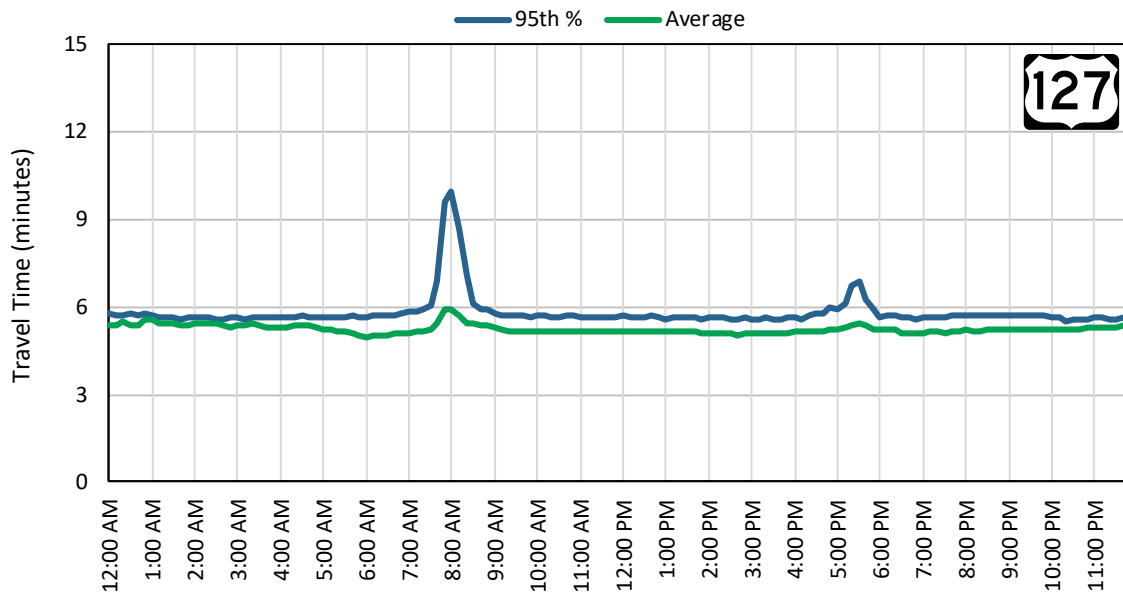
FIGURE 84. Segment 1 - US-127 between I-96 and I-496/Trowbridge Rd



US-127: TRAVEL TIME RELIABILITY



a) Northbound



b) Southbound

FIGURE 85. Segment 2 - US-127 between I-496/Trowbridge Rd and I-69/Exit 82



US-127: LEVEL OF TRAVEL TIME RELIABILITY

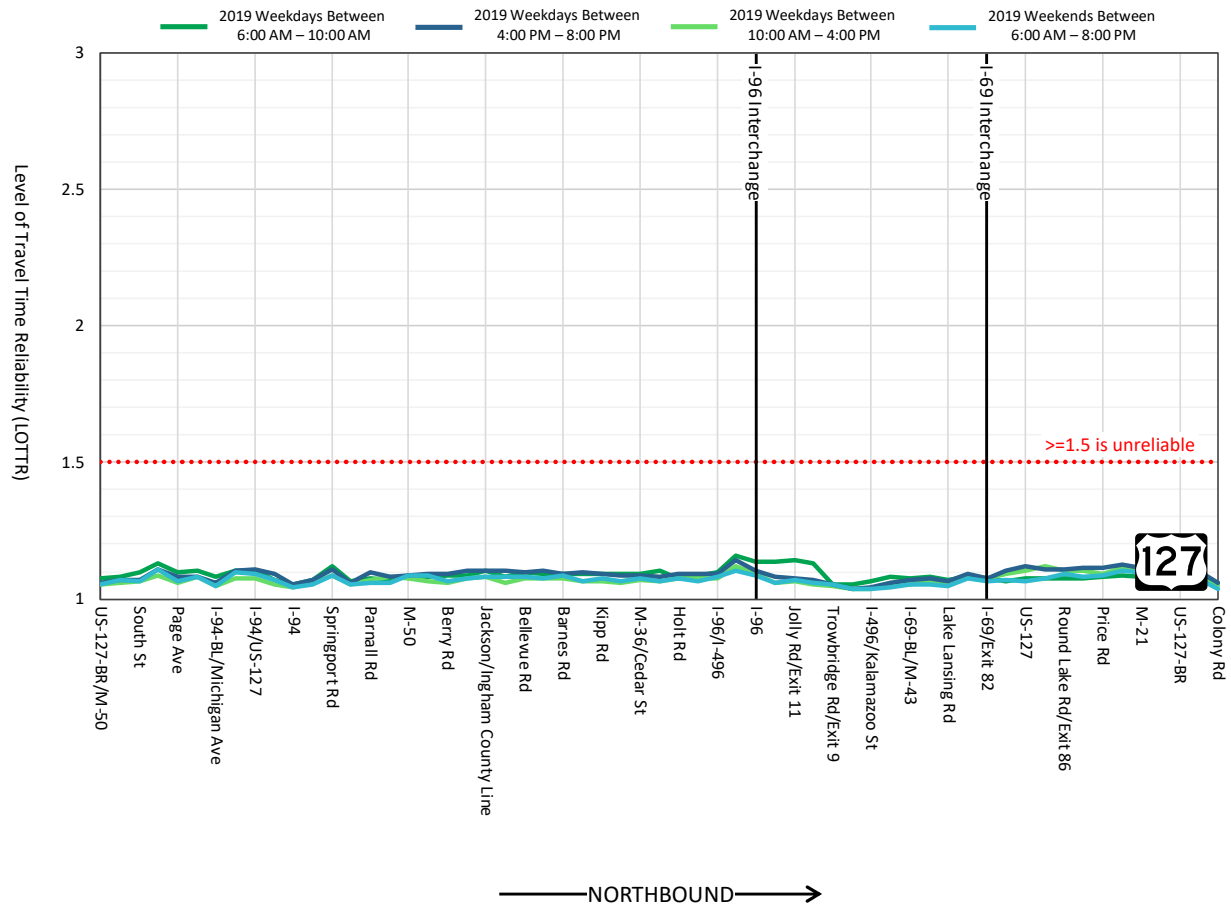


FIGURE 86. University Region Northbound US-127 Level of Travel Time Reliability



US-127: LEVEL OF TRAVEL TIME RELIABILITY

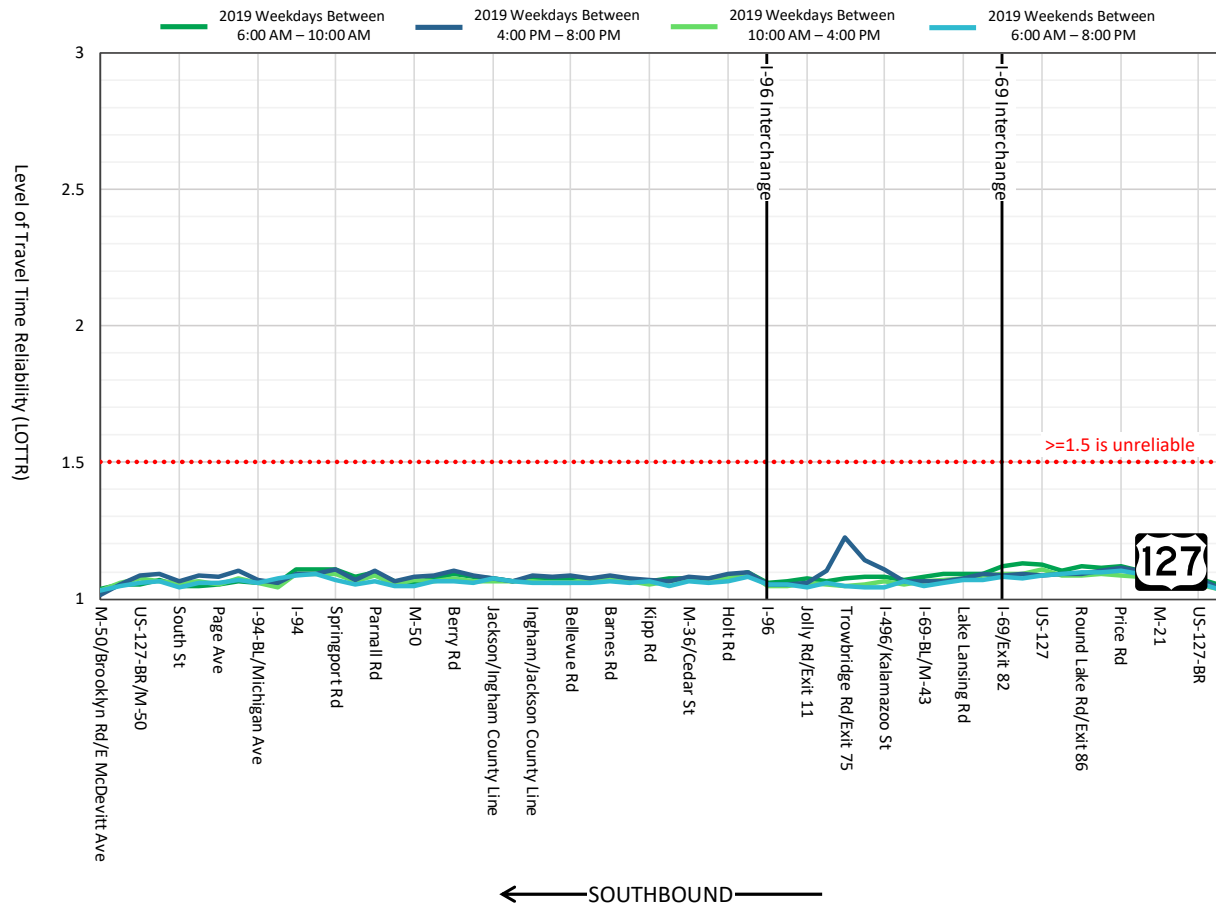
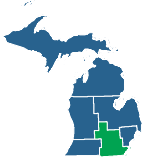


FIGURE 87. University Region Southbound US-127 Level of Travel Time Reliability



CONCLUSION

This chapter summarizes the performance of the University Region. It is the Congestion and Reliability Unit's goal that these performance measures are not just numbers and figures, but information to help MDOT personnel understand how traffic is operating on its freeways and make actionable decisions on improving traffic. These metrics could be used to help prioritize projects, determine where and when problems are occurring, and how significant these problems are. We intend to provide these performance measures on an annual basis to help identify trends on the system and to keep MDOT up to date on freeway operations. Various performance measures may change due to changing federal requirements or MDOT needs. As probe data improves, this may expand to non-freeway routes as well. The Congestion and Reliability Unit welcomes any feedback on this report to help us improve it in the future and maximize its usefulness.

CONTACT INFORMATION

Please contact the Congestion and Reliability Unit if you have any questions/comments or would like to have the actual data for further analysis.

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